

NAVAL HEALTH RESEARCH CENTER

VALIDATING MEDICAL SUPPLY REQUIREMENTS FOR EMERGENT AND ROUTINE CARE ABOARD GENERAL MEDICAL OFFICER (GMO) PLATFORMS

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20040319 053

Report No. 01-18

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**Validating Medical Supply Requirements for Emergent and Routine
Care Aboard General Medical Officer (GMO) Platforms**

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Report No. 01-18 was supported by the Bureau of Medicine and Surgery (BUMED-26), Washington, DC, and the Office of Naval Research, Arlington, VA, under work unit No. 63706N-M0095-001-60102. The views expressed in this article are those of the authors and do not necessarily reflect the official policy or position of the Department of the Navy, Department of Defense, or the U.S. Government. Approved for public release; distribution unlimited.

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Summary

Problem

To maintain force readiness, the Navy understands the need to keep pace with advances in medicine. Continuing this tradition, however, should be conducted within an environment of focused medical logistics emphasizing responsiveness, flexibility, and precision. This can be accomplished by examining the clinical operations of shipboard medicine, identifying relationships between patient condition (PC) type, provider, clinical tasks, and medical supplies, and then mapping the relationships to form a structure that describes the application of both routine and emergent care aboard ship. In this way, as materiel is added or removed, full visibility of the effects of that change on the application of shipboard medicine is known. With this knowledge, force readiness can be maximized with the precision required of the Navy today.

Objective

The primary objective of the study was to develop and examine a medical supply knowledge base that includes details about the clinical relationships occurring aboard ship between providers, PCs, treatment modalities, and medical supplies. Two General Medical Officer/Physician Assistant (GMO/PA) Authorized Minimal Medical Allowance Lists (AMMALs) were the medical supply subjects of the knowledge bases. These included the GMO/PA sick-bay supplemental AMMAL 7016 and the GMO/PA level-2 laboratory supplemental AMMAL 7019. The purpose of the knowledge base was to extract the interactions between individual pieces of medical materiel and patient care to provide the Fleet visibility to track and monitor the effects of proposed changes in the AMMAL supply configurations.

Approach

Thirty-three clinicians experienced in shipboard medicine developed GMO/PA-level treatment profiles for 337 battle, disease and non-battle injuries (DNBI) known to occur aboard ship. Each profile was broken down into its individual treatment tasks, including emergent, routine sick bay, laboratory, and preventive medicine. The medical materiel required to conduct the tasks were then assigned. Once the supplies had been identified and assigned to the tasks, they were separated into a revised GMO/PA AMMAL 7016 and a revised GMO/PA AMMAL 7019.

Results

The study identified 97 GMO/PA-level clinical tasks, 46 laboratory procedures, and 20 preventive medicine functions. When the medical supplies assigned to these tasks were organized into a revised AMMAL 7016 and a revised AMMAL 7019, the results showed that clinical care aboard these platforms could be improved with less materiel than the AMMALs currently provide. Results on four dimensions are shown in the following table.

	Items	Weight	Cube	Cost
Revised GMO/PA Supplemental Sick-Bay AMMAL	-08.2%	-06.9%	-16.6%	-18.6%
Revised GMO/PA Supplemental L-2 Lab AMMAL	-11.4%	-05.4%	-07.1%	-01.2%

Conclusions

The results of the study showed that a precision logistics approach to shipboard medicine can benefit medical care, reduce the management burden of unnecessary materiel, and provide medical planners with the visibility to ensure the Fleet's AMMALs remain in an optimal state. Because this approach ties supply requirements to clinical requirements, inefficiencies within the shipboard supply sets are reduced and gaps in clinical care are identified objectively. This permits new materiel that improves the administration of care to be added to the supply sets at the same time that weight, cube, and cost liabilities are reduced for the Fleet. Furthermore, visibility of the complex relationships between medical supplies and the administration of care is provided as changes in the standards of care mandate the addition or removal of items from the supply sets.

The potential utility of the product of this effort goes considerably beyond the application of precision logistics management of the AMMALs. Because the data underlying this methodology include the range of injuries and illnesses, clinical protocols, treatment modalities, and the full spectrum of validated medical gear to address all aspects of shipboard medicine, the tools required to conduct modeling and simulation of various aspects of Fleet medicine are readily available. Using these data to model shipboard medical events gives the Fleet the basic resources necessary to answer virtually an unlimited number of questions regarding medical resource utilization aboard ship. For example, questions regarding the adequacy of supply stocks to treat mass casualty events, or the length of time a ship's medical department can adequately sustain casualties in the absence of readily available MEDEVAC, can now be objectively examined.

Validating Medical Supply Requirements for Emergent and Routine Care Aboard General Medical Officer (GMO) Platforms

Introduction

In an environment where enhanced task organization and streamlined operational efficiencies are key elements of force readiness planning, the Fleet has been tasked to provide superior mission performance with fewer resources.^a To accomplish this goal, the Navy can build upon its known strengths, integrate new and emerging technologies into its medical operations, and create innovative operational strategies to develop and maintain enhanced medical department capability.

Progress toward this goal has included efforts to optimize shipboard materiel requirements. A significant accomplishment was achieved through the collaborative efforts of the Commander in Chief U.S. Pacific Fleet, the Commander in Chief U.S. Atlantic Fleet, and the Naval Medical Logistics Command during the October 1997 Logistics Standardization Conference. In that effort, conducted within the forum of a medical supply review, substantial reductions in required materiel were instituted Fleetwide.

Because of the evolving nature of medical care, treatment protocols, pharmacology, and advances in technology, a system of monitoring the effects these forces exert on shipboard medical requirements should be implemented to ensure the benefits instituted by the Logistics Standardization Conference do not become diluted over time. The relationships among shipboard medical treatment requirements and shipboard medical materiel are varied and complex. Although it may appear to be a simple matter to add a new medical item when protocols change, more effective drugs become available, or when a technological advance improves the medical mission, this is not generally the case. As each new and better piece of medical materiel is added, clinical relationships change among the medical supplies and patient care. Because of the complex relationships between medical supplies and patient care, a change in medical supplies may create redundancies, unnecessarily increase costs by duplicating treatment options, or fail to achieve interoperability with existing materiel both within the Navy and between the services. Difficulties also arise when items are removed to accommodate a desired change. Often the full range of clinical functions provided by the deleted item are not recognized because no link between item and patient care had been established. This most often occurs when consumables for a deleted item remain in the Authorized Minimal Medical Allowance Lists (AMMALs) because no link between clinical tasks and equipment had been established. A system that monitors and provides visibility of the complex relationships between the clinical functions and the medical supply items is needed to better manage shipboard medical department assets.

The Navy understands the need to keep pace with advances in medicine if maximum force readiness is to be maintained. Continuing this tradition, however, must be conducted within an environment of focused medical logistics emphasizing responsiveness, flexibility, and precision. This can be accomplished by examining the clinical operations of shipboard medicine, identifying relationships between patient condition type, provider, clinical tasks, and medical

^a *Concept of Naval Force Protection for the 21st Century*, Naval Warfare Development Command, Newport, RI, and Marine Corps Combat Development Command, Quantico, VA (in progress working draft, March 2001).

supplies, and then mapping the relationships to form a structure that describes the application of both routine and emergent care aboard ship. The documentation of these relationships permits the objective and systematic identification of the medical department's clinical requirements and a link between each piece of medical materiel and the function it serves. In this way, as material is added or removed, full visibility of the effects of that change on the application of shipboard medicine is known. With this knowledge, force readiness can be maximized with the precision required of the Navy today.

Systematic maintenance of the Fleet's AMMALs can be accomplished through the development and implementation of a knowledge base that includes details about the clinical events occurring aboard ship. Within this knowledge base, relationships between the types of patients seen, the clinical tasks administered to the patients, and the medical supplies associated with administration of the tasks are combined and arranged to describe the application of shipboard medical care. Among the benefits of this process are the establishment of clinical requirements for each piece of medical gear in the inventory and the creation of an audit trail that identifies the specific treatment protocols and types of patients requiring each piece of materiel. Once developed, the knowledge base may be used to examine the complex interactions between individual pieces of medical materiel and patient care, thereby giving the Fleet the capability to track and monitor the effects of proposed changes in the AMMAL supply configurations.

In the present study, researchers at the Naval Health Research Center, San Diego, CA, applied this approach to determine the best complement of shipboard materiel aboard General Medical Officer/Physician Assistant (GMO/PA) platforms afloat.^b To accomplish this objective, a shipboard patient treatment knowledge database was developed. Patient conditions (PCs), including both battle trauma and DNBI were identified and treatment protocols created that diagrammed the courses of clinical care conducted aboard the GMO/PA ships. Using these treatment protocols, the mix of medical materiel necessary to achieve shipboard standards of care was determined and assigned to the individual tasks in the treatment protocols. The mix of materiel identified through these means was then compared with current AMMAL stocks to assess differences in weight, cube, cost, and clinical capability.

Methodology

Two of the surface Fleet's AMMALs were examined in the current study. These included the GMO/PA sick bay supplemental AMMAL 7016 and the GMO/PA level-1 laboratory supplemental AMMAL 7019.^c

Participants

Thirty-three clinicians experienced in shipboard medicine and combat casualty care participated in the study. These subject matter experts (SMEs) were drawn from 8 medical commands (Table

^b GMO/PA platform refers to ships assigned with GMO/PA AMMALs 7015, 7016, 7018, and 7019. The ships within this group are limited to AGFs, AOEs, LCCs, LPDs, LSD-41 class, and MCSs.

^c The validation results of the sick-bay core and the level-1 laboratory core AMMALs are available elsewhere.⁵

1). The medical specialties within this group of SMEs consisted of 3 surgeons, 14 GMO/PAs, 2 nurses, 8 Independent Duty Corpsmen (IDCs), and 6 laboratory technicians.

Table 1
Subject Matter Expert Command Representation

Regional Support Office	COMNAVSURFPAC Force Medical
Naval Medical Center San Diego	COMNAVSURFLANT Force Medical
Surface Warfare Medicine Institute	Naval School of Health Sciences
Joint Readiness Clinical Advisory Board	Naval Medical Logistics Command

Procedures

The construction of the knowledge base began with the identification of the types of patient injuries and illnesses known to present aboard ship. The Joint Readiness Clinical Advisory Board (JRCAB) has identified 319 tri-service PCs covering both battle injuries, and DNBIs occurring during military operations.⁴ During a previous study, these PCs were presented to clinical panels composed of SMEs to ensure their applicability to Navy medicine.⁵ To better describe shipboard medicine, the SMEs in the earlier study modified 17 of the PCs and added an additional 18 not covered in the JRCAB list. Furthermore, the SMEs added 10 Preventive Medicine Objectives (PMOs) that shipboard medical departments must address as part of their routine responsibilities. Appendix A lists both the shipboard PCs and the PMOs.

Once the PCs were identified, treatment protocols were prepared. SME panels were formed to examine the PCs within the context of GMO/PA-level standards of care. The clinical processes carried out by GMO/PAs were diagrammed for each PC. Then, each of the clinical processes was broken down into individual steps representing the specific tasks required to administer care. An example of one of the injury treatment briefs, PC 139, is shown in Table 2.

Table 2
Task Profile for PC 139—Crush injury lower extremity, severe, limb salvageable

Task #	% Patients	Task Description	Time (min)	Task Done Per 24 hr
A2	100	Remove Casualty from Danger	10-30	1
001	100	Triage Patient	2	1
002	100	Assess & Evaluate Patient	5	6
006	100	Establish Adequate Airway	3	1
022	75	O ₂ Administration Set Up	3	1
023	75	O ₂ Administration—Continuous	Continuous	Continuous
019	100	Emergency Control of Hemorrhage	5	1
Z083	100	Expose Patient for Exam	1	1
098	100	Apply Splint/Immobilize Extremity	4	1
049	100	Start/Change IV Site	4	1
050	100	Administer IV Fluid	Continuous	Continuous
024	100	Take & Record Vital Signs	4	12

Table 2
Task Profile for PC 139–Crush injury lower extremity, severe, limb salvageable

Task #	% Patients	Task Description	Time (min)	Task Done Per 24 hr
105	65	Doppler Assessment	6	2
103	35	Circulation Check–Manual	3	4
079	35	Catheterization–Foley Continuous	5	1
ZZ45	50	Catheterization–Foley Intermittent	5	2
082	75	Measure/Record Intake/Output	1	4
145	100	Administer Medications	4	6
093	100	Extremity Elevation	1	Continuous
085	100	Wound Irrigation	10	1
086	100	Clean & Dress Wound	7	2
ZZ51	5	Administer IV Sedation/Anesthesia	15	1
467	5	Conduct Fasciotomy	25	1
ZZ18	5	Clean & Sterilize Instruments	30	1
ZZ27	100	Basic Examination Area Set Up (equipment task)	5	1
596	100	Electrolyte Levels	23	3
602	100	CPK Level	23	2
613	65	Complete Blood Count	45	2
620	100	Urinalysis	10	3
278	100	Arrange for Patient Evacuation	5	1
ZZ27	100	Prepare Patient for Evacuation	5	1
748	100	Assemble Materiel/Cleanup	7	1

To provide a more accurate assessment of the quantity of materiel each of the PCs would consume during the treatment process, 4 additional fields were added to the database. Because the same PC can potentially present with slightly varied clinical manifestations, a field designed to capture these sensitivities was added. This field, labeled *% of patients*, is shown in Table 2. The values in this field represent the percentage of patients who might have the task conducted. For example, it can be seen in Table 2 that 100% of patients with PC 139 will have the crushed extremity immobilized (task 098). However, there is a significantly lesser probability (5%) that a fasciotomy will need to be performed. Through the capture of these subtleties, greater precision in estimating supply requirements is achieved.

Additional fields were added to the database to capture changes in supply consumption based on the estimated length of stay and number of times each task could be expected to be performed during the length of stay. These data are valuable because variation in patient length of stay may occur due to specifics related to weather, evacuation asset availability, or combat posture.

Once the treatment task profiles were constructed, the medical materiel required to conduct the tasks was determined. SMEs were again consulted. The tasks were presented to the SMEs, and the appropriate mix of materiel was assigned to each. Where suitable, SMEs were asked to select the items needed from the existing AMMALs to minimize unnecessary change. When clinical requirements could not be achieved with current items because of advances in medical technology or changes in standards of care, new items were added. Each time a new item was

added, it was selected from the Department of Defense (DoD) tri-service-approved inventory of medical materiel supplied by JRCAB.

At the conclusion of this phase of the study, the clinical requirements for each item on the GMO/PA platforms had been identified. The items used by GMO/PAs in sick bay and the laboratory were then separated into either the GMO/PA supplemental sick bay AMMAL 7016, or the GMO/PA supplemental level-2 laboratory AMMAL 7019. They were then analyzed to assess the significance of the changes.

Results and Discussion

The data were examined to provide four views of the results. The first was an examination of the treatment profiles developed by the SMEs. These profiles were used to determine the domain of medical tasks conducted by GMO/PA-level practitioners. The second examination extracted the clinical and preventive medicine items from the task-supply assignments prepared by the SMEs. This resulted in the formation of the two revised AMMALs. The third examination was conducted to reveal objective measures of effectiveness. These measures yielded weight, cube, and cost differences between current and revised AMMALs. Finally, the data were examined to ascertain the underlying factors driving the proposed AMMAL refinements.

GMO/PA Treatment/Preventive Medicine Tasks

The treatment profiles were examined to determine what medical, laboratory, and preventive medicine tasks GMO/PAs perform shipboard. Table 3 shows the domain of GMO/PA-level clinical tasks, Table 4 the laboratory tasks, and Table 5, the preventive medicine tasks that were extracted from the profiles.

Table 3
Domain of Shipboard GMO/PA Clinical Tasks

Task #	Task Description	Task #	Task Description
A06	Apply Tourniquet	A10	Place in Coma Position
A12	Occlude Sucking Chest Wound	A30	Wet/Cold Injury Therapy
001	Triage Patient	002	Assessment of Patient Status
005	Remove and Collect Belongings	006	Establish Airway (Pharyngeal Only)
007	Emergency Cricothyroidotomy	010	Neurological Assessment
011	Stabilize Neck (Collar/Spine Board)	017	Suction (Oral/Trach/Endo)
019	Emergency Control of Hemorrhage	022	O ₂ Administration Set Up
023	O ₂ Admin Continuous (Nasal/Mask)	024	Measure Vital Signs
032	Attach Pulse Oximeter to Patient	044	Setup Drainage Bottles/Pleuravac
046	Maintain Chest Tube Suction	049	Start/Change IV Infusion Site
050	Administer IV Fluids	065	Central Venous Lines—Large Bore Access
069	Initiate Saline Lock	070	Bowel Sounds Assess
071	Insert Naso/Oro Gastric Tube	073	Perform Naso/Oro Gastric Tube Suction
075	Irrigate Naso/Oro Gastric Tube	076	Gastric Lavage

Table 3
Domain of Shipboard GMO/PA Clinical Tasks

Task #	Task Description	Task #	Task Description
079	Catheterization Foley-Continuous	082	Measure/Record Intake/Output
084	Shave and Prep	085	Wound Irrigation
086	Clean and Dress Wound	090	Compresses (Soaks)
091	Apply Ice/Hot Packs	092	Apply Compression Bandage
093	Extremity Elevation	096	Apply Sling
098	Apply Splint, Immobilize Injury	099	Closed Reduction (Finger, Thumb, Toe)
100	Reduction of Fractured Radius & Ulna	103	Circulation Check
105	Doppler Assessment	106	Escharotomy w/o General Anesthesia
108	Minor Surg Proc-Debride/Suture/Incise	110	Test Vision
121	Eye Irrigation	122	Eye Drops Instillation
123	Eye Care (Dressings/Eye Patch)	124	Ear Care Irrigation
125	Sponge/Hyperthermia Treatment	126	Seizure Care/Precautions
127	Patient Restraint (Gauze, Ties)	128	Patient Restraint (4-Point Leather)
145	Administer Appropriate Medication	151	Gynecological Examination
201	Prep of Patient Holding Area/Ward	202	Admit Patient to Holding Area/Ward
204	Provide Patient Safety Watch	221	Pericardiocentesis
244	Hemacult Test-Feces/Emesis/Gastric	248	Force Fluids
254	Apply Anti-Embolism Stockings	259	Fecal Impaction/Abscess Removal
278	Arrange For Patient Evacuation	279	Arrange & Document Returns to Duty
358	Tracheostomy	359	Induce Local Anesthesia
467	Fasciotomy	739	Reduce Fracture
740	Reduce Dislocation	748	Assemble Material/Cleanup
999	Morgue Care	753	Issue Crutches
Z014	Intubation/Extubation	Z027	Cardiopulmonary Resuscitation
Z030	Vital Sign Monitoring-Propaq	Z037	Bag Valve Mask Set Up
Z038	Maintain on Bag Valve Mask	Z042	Insert Chest Tube
Z045	Change Drainage Bottles/Pleurevac	Z083	Expose Patient for Exam
Z094	Apply Extremity Traction	Z277	Prepare for MEDEVAC
Z571	Anoscopy/Proctoscopy	Z741	Remove Cast/Splint
ZZ02	Stain Eyes (Fluorescein/UV Lamp)	ZZ03	Needle Thoracostomy
ZZ16	Repair Eye Glasses	ZZ18	Clean and Sterilize Instruments
ZZ27	Basic Examination Area Set Up	ZZ33	Nasal Packing
ZZ42	Active Patient Rewarming	ZZ45	Bladder Drainage Foley-Intermittent
ZZ53	Emergent Major Vessel Ligation/I&D	ZZ54	Emergent Amputation
ZZ56	Administer IV Sedation/Anesthesia		

Table 4
Domain of Shipboard GMO/PA Laboratory Tasks

Task	Laboratory Task	Task	Laboratory Task
244	Hemacult Test-Feces/Emesis/Gastric	595	Blood Gas Estimation
596	Electrolyte Levels (Na, K, Cl, CO ₂)	597	Total Protein Level

599	Creatinine Level	600	Amylase Level
601	ALT (SGPT) Level	603	Blood Glucose Level
605	Bilirubin Level	608	AST (SGOT) Level ^d
604	Urea Nitrogen Level	612	Complete Blood Count
613	White Blood Cell Count	614	Hematocrit Level
615	White Blood Cell Differential Count	620	Urinalysis w/ Specific Gravity
621	Microscopic Urinalysis	622	Platelet Estimate
633	Gram Stain	634	RPR Test for Syphilis
635	Mononucleosis Spot Test	636	Thick and Thin Smear for Malaria
637	Examine Feces for Ova, Cysts, Parasites	638	Potassium Hydroxide (KOH) Prep
640	Walking Blood Bank	641	Blood Type & Cross
ZZ21	Package/Ship Specimen/Sample	ZZ22	Wet Prep
ZZ23	Iodine Prep	ZZ24	Culture Specimen Collection
ZZ26	Rapid Cardiac Enzyme Test	ZZ28	BAC (aircraft accident/sample only)
ZZ29	Carbon Monoxide (accident sample)	ZZ30	Hemoglobin (aircraft accident/sample)
ZZ31	Aliquot (aircraft accident/sample only)	ZZ46	Spinal Fluid Cell Count
ZZ47	RBC Morphology	ZZ49	Serum Alkaline Phosphatase
ZZ50	Fecal Leukocytes	ZZ52	Tzanck Smear
ZZ57	Clean & Sterilize Lab Equipment	ZZ59	Creatinine Kinase (CK)
ZZ60	Gamma Glutamyl Transferase (GGT)	ZZ61	Lactate Dehydrogenase (LDH)
ZZ62	Albumin Level		

Table 5
Domain of Shipboard Preventive Medicine Tasks

Task	Preventive Medicine Task	Task	Preventive Medicine Task
Z505	Potable Water Chlorine Testing	Z506	Potable Water Bacteriological Testing
Z543	Conduct Small Area Arthropod Control	Z550	Conduct Rodent Surveillance & Control
Z584	Monitor/Report Heat Stress Index	Z585	Dispense Topical Skin Protection
Z604	Disease Testing, incl. PPD, HIV	Z607	Obtain Sample for Shipment (incl. HIV)
Z608	Package/Ship Specimen/Sample	Z611	Dispense STD Prophylaxis
Z612	Administer Vaccine/Prophylaxis	Z720	Measure Ear Size
Z642	Inspect Galley/Food Storage Areas	Z661	Inspect Common Use Areas
Z681	Inspect Berthing Areas	Z701	Inspect Waste Disposal Sites
Z721	Dispense Ear Noise Protection	Z740	Assemble Training Materials
Z792	Conduct Training	Z791	Recommend/Troubleshoot Discrepancies

GMO/PA Supplemental AMMAL Medical Supply Assemblages

The revised AMMALs were derived from the task-supply assignments prepared by the SMEs. The medical supply requirements for each GMO/PA-level clinical task are shown in Appendix B, the supplies used to perform the laboratory procedures in Appendix C, and the materiel required to conduct preventive medicine requirements in Appendix D. The supply assignments for the tasks are shown with materiel from both the GMO/PA core and GMO/PA supplemental

^d Reagents for these tests were previously stocked in the AMMALs for use with the DT-60 chemistry analyzer. Initial stock for the replacement unit, the Schiapparelli NExCT™ chemistry analyzer will not include reagents to perform these tests. GMO/PAs (AGF, AOE, LCC, LPD, LSD-41 class, MCS) desiring this capability will be responsible for procuring the reagents as needed.

AMMALs. While the medical supplies for the Navy's core AMMALs were validated in a previous study,⁵ they are shown along with the supplemental AMMAL items to provide the reader with a comprehensive view of how medical care is administered on the GMO/PA platforms.

These task-supply relationships provided the clinical/preventive medicine requirements justifying the inclusion of the items in the revised AMMALs. The supply items were extracted from their associated medical/preventive medicine tasks and assembled to create a revised GMO/PA supplemental sick-bay AMMAL 7016 (Appendix E) and a revised GMO/PA supplemental level-2 laboratory AMMAL 7019 (Appendix F). It should be noted that not all supplies required to perform laboratory procedures aboard the GMO/PA platforms are contained in the level-2 laboratory AMMAL 7019. With the introduction of the new Schiaparelli clinical chemistry analyzer (NExCT™), the analyzer reagents and consumables are no longer listed in the AMMALs. The new analyzers are delivered with an initial stock of reagents and consumables. These are listed in Appendix G. When the initial stock is exhausted, each platform will be responsible for purchasing replenishment stocks.

Item, Weight, Cube, and Cost Differences

The revised AMMALs were then compared with the current AMMALs to assess any differences in item quantity, weight, cube, or cost. While reducing the content of the AMMALs was not the objective of the current study, Table 6 shows that in the revised GMO/PA supplemental sick-bay AMMAL 7016, overall reductions in the measures of weight and cube were observed.

Furthermore, a number of items were removed (19) making AMMAL management somewhat easier. The total cost of the AMMAL was correspondingly lowered as well, resulting in a savings of \$14,590.00 per ship. When the dollar value of equipment is subtracted from this total, the remaining consumable supply savings totals \$12,747.76 per ship. Given that there are approximately 37 ships in the Fleet using the AMMAL 7016, the total Fleetwide savings is \$471,667.12. Because the supplies used to derive these savings are consumable items, the savings are recurring.

Table 6
Comparison Between Current and Revised GMO/PA Supplemental Sick-Bay AMMAL 7016

	Items	Weight	Cube	Cost
Current GMO/PA Sick-Bay Supplemental	233	2425.8	248.2	\$78,458.64
Revised GMO/PA Sick-Bay Supplemental	214	2258.6	207.0	\$63,868.40
% Change	-8.2	-6.9	-16.6	-18.6

Less dramatic results are reported for the GMO/PA supplemental level-2 laboratory AMMAL. Table 7 shows reductions in each of the four measures. The largest decrease occurs in the actual number of individual items in the block. Tallied across the AMMAL, this produces a supply savings of \$804.11 per ship. Deducting the equipment items, the recurring savings across the Fleet is approximately \$29,752.00.

Table 7
Comparison Between Current and Revised GMO/PA Supplemental Laboratory AMMAL 7019

	Items	Weight	Cube	Cost
Current GMO/PA Supplemental L-2 Lab	70	420.9	37.9	\$66,034.29
Revised GMO/PA Supplemental L-2 Lab	62	398.3	35.2	\$65,230.18
% Change	-11.4	-5.4	-7.1	-1.2

An examination of these results would seem to suggest that clinical capability was reduced on the GMO/PA platform. A closer inspection of the data, however, shows that these reductions in supply content do not translate into reductions in provider capability. Rather, they demonstrate an efficient and more precise management of the logistical base supporting the administration of care aboard these platforms. Among the by-products of a more efficient and precise logistics system were the identification and addition of items that were added to increase or improve clinical care on the GMO/PA platforms. For example, the revised AMMALs include the addition of Mannitol. Currently, GMO/PAs have no effective clinical response for a deteriorating patient with a closed head injury. Another clinical requirement not currently being met on the GMO/PA decks is a process to induce active rewarming in the hypothermic patient. Therefore, the revised AMMALs include the addition of intravenous fluid warming sets.

Underlying Factors Supporting the AMMAL Changes

Each revision in the blocks was based on the establishment of an overriding clinical or mission-specific requirement. Because the establishment of such requirements is multi-faceted, various factors may underlie any single adjustment recommended for the supply blocks. As the SMEs debated revisions, various factors were cited justifying changes. To determine what factors were operating, each recommended item revision was examined in terms of the issues that guided the SMEs in their decision-making process. An examination of both the AMMAL 7016 and AMMAL 7019 showed that the SMEs used six primary factors as justifications for their decisions.

Figure 1 shows these results for the GMO/PA supplemental sick-bay AMMAL 7016. Of the 233 total items in the AMMAL, 39 were affected by either a deletion or addition. For these 39 item adjustments, 63 justifications for change were identified. The higher number of justifications is consistent with the study's intent to only implement AMMAL changes where there was an overriding justification to do so. Therefore, the majority of revisions have multiple justifications.

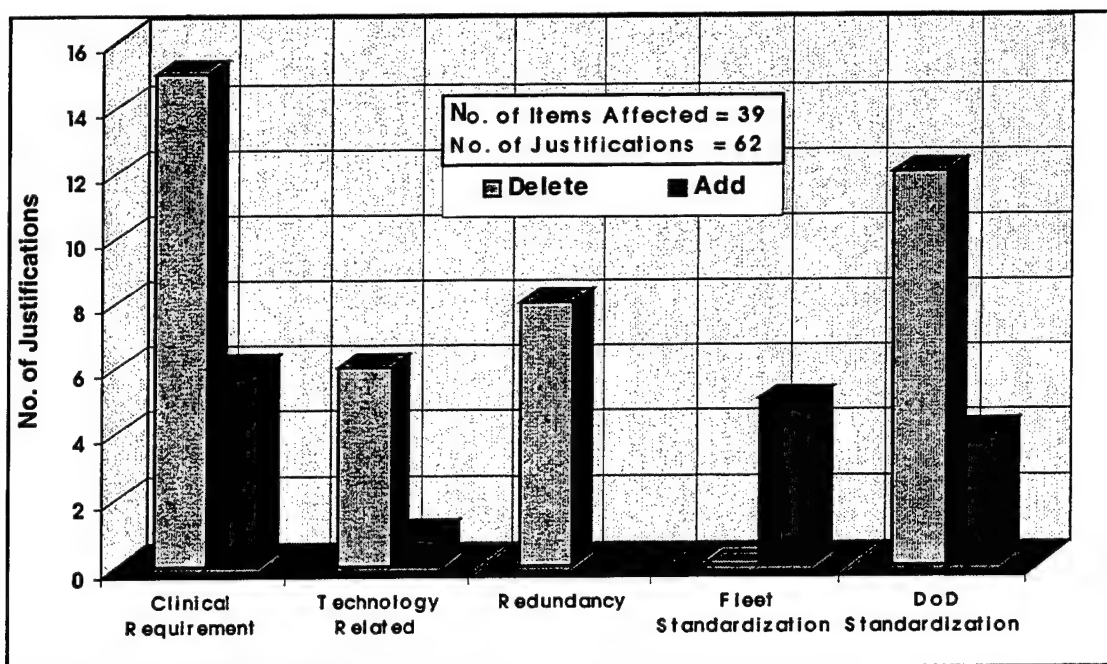


Figure 1. GMO/PA Supplemental Sick-Bay AMMAL 7016 Content Change Justifications

Figure 1 further shows that the elimination of items due to lack of a clinical requirement was the most frequently identified reason for a change. The justification for deleting items because they were not a DoD standardized item followed closely behind. While no item was deleted because it solely failed to meet tri-service standardization requirements, this factor is important because of the requirement of interoperability both within and between the services. Marines treated in the field and evacuated to ships over the horizon should be using equipment and consumables that are interoperable between both the patient movement items on the evacuation asset and on the receiving ship. To a lesser extent, items were deleted because they were found to duplicate clinical requirements with other items in the block or because advances in technology have changed the standard of care.

Figure 1 also shows the factors operating in the SMEs' decisions to add new items to the block. The most frequent justification for adding an item was that clinical requirements were not being met with existing materiel. For example, the current AMMAL carries only flexible suction catheters. Because a clinical requirement was also found for Yankauer catheters, rigid tonsil-tip suction catheters were added. Figure 1 further shows that for items added to the AMMAL, standardization requirements were met for both the Fleet and the remaining services ensuring interoperability both within and between the services. This type of examination was not conducted on the laboratory AMMAL because of insufficient data. However, it should be noted that a number of equipment-specific consumable items were removed because the equipment requiring them was no longer in the AMMAL. For example, this includes reference standards and control fluids for the deleted DT-60 clinical chemistry analyzer.^e

^e The reference standards and control solutions for the new Schiapparelli clinical chemistry analyzer are shown in Appendix G.

Conclusions

Each item aboard the GMO/PA level platforms has been validated. Through the application of a structured approach, each item in the GMO/PA AMMALs has a clearly defined clinical requirement. Each clinical requirement is associated with an audit trail that links medical tasks and PCs to each of the supplies stocked in the GMO/PA AMMALs. As a result, a precision logistics methodology guides the maintenance of ships' medical gear.

Because each piece of medical materiel is linked to its shipboard requirement, the effect on the overall delivery of care can be viewed before changes are instituted. The net effect of this visibility is redundancies are prevented when items are added to enhance clinical care, gaps in clinical capabilities are not created when items are removed or replaced, and equipment-specific consumables do not remain in the stock when new pieces of gear are added to replace a current item.

The potential utility of the product of this effort goes considerably beyond the application of precision logistics management of the AMMALs. Underlying this methodology are comprehensive databases describing the full range of clinical events occurring aboard the Fleet's ships. Because these data include the range of injuries and illnesses, clinical protocols and treatment modalities, and the full range of validated medical gear to address all aspects of shipboard medicine, the tools required to conduct modeling and simulation of various aspects of Fleet medicine are readily available.

Using these data to model shipboard medical events gives the Fleet the basic resources necessary to answer virtually an unlimited number of questions regarding medical resource utilization aboard ship. For example, questions regarding the adequacy of supply stocks to treat mass casualty events, or the length of time a ship's medical department can adequately sustain casualties in the absence of readily available MEDEVAC, can now be objectively examined.

References

1. *Operational Maneuver From the Sea: A Concept for Projection of Naval Power Ashore*. Washington, DC: Headquarters Marine Corps; 1996.
2. *Joint Vision 2010*. Washington, DC: Office of the Joint Chiefs of Staff, Pentagon; 1998.
3. *Marine Corps Strategy 21*. Washington, DC: Department of the Navy, Headquarters United States Marine Corps; 2000.
4. *DEPMEDS Policy Guidelines and Treatment Briefs*. Fort Detrick, MA: Defense Medical Standardization Board; 1996.
5. Galarneau MR, Konoske PJ, Pang G, Alvarez E. *Identifying Clinical Requirements for Independent Duty Corpsmen Shipboard Medical Materiel*. San Diego, CA: Naval Health Research Center; 1999. NHRC Tech. Rep. No. 99-15.

Appendix A

Patient Conditions & Preventive Medicine Objectives

PC #	PATIENT CONDITION
1	Cerebral concussion closed with/without nondepressed linear skull fracture severe-lost consciousness from 2 to 12 hrs
2	Cerebral concussion closed with/without nondepressed linear skull fracture moderate-lost consciousness less than 2 hrs
3	Cerebral contusion closed with/without nondepressed linear skull fracture severe-consciousness loss > 24 hrs w/focal neurological deficit
4	Cerebral contusion closed with/without nondepressed linear skull fracture moderate-consciousness loss 12-24 hrs w/o focal neurological deficit
5	Cerebral contusion closed large intracranial hematoma w/without nondepressed skull fracture-severe-rapidly deteriorating comatose patient
6	Cerebral contusion closed with nondepressed linear skull fracture severe-loss of consciousness > 24 hours with/without focal neurological deficit
7	Cerebral contusion closed with depressed skull fracture severe - w/intracerebral hematoma and/or massive depression
8	Cerebral contusion closed with depressed skull fracture moderate-no hematoma or significant effect from depression
9	Cerebral contusion open fracture severe-intracranial fragments &/or depressed fracture, eyeball laceration, retained intraocular foreign body
10	Cerebral contusion with open skull fracture moderate - without intracranial fragments and/or depressed skull fracture
11	Intracranial hemorrhage spontaneous nontraumatic all cases
12	Not assigned
13	Wound scalp open without cerebral injury or skull fracture severe - scalped with avulsion of tissue
14	Wound scalp open without cerebral injury or skull fracture moderate - scalp laceration
15	Fracture facial bones closed exclusive of mandible severe - multiple fractures
16	Fracture facial bones closed exclusive of mandible moderate - single fracture
17	Wound face jaws and neck open lacerated with assoc. fractures excluding spinal fractures severe-w/airway obstruction
18	Wound face/jaws/neck open w/fractures excl. spinal moderate-w/o airway obstruction; eyeball laceration w/retained intraocular foreign body
19	Wound face & neck open lacerated contused w/o fractures severe-w/airway obstruction and/or major vessel involvement
20	Wound face & neck open lacerated contused w/o fracture moderate-w/o airway obstruction or major vessel involvement
21	Eye wound severe-loss of intraocular fluid with/without retinal detachment, w/severe lid laceration, eye not salvageable
22	Eye wound lacerated moderate-w/o retinal detachment/retinal injury/foreign body w/o loss of vitreous fluid patient has hyphema eye salvageable
23	Hearing impairment severe
24	Hearing impairment moderate
25	Fracture spine closed without cord damage unstable lesion
26	Fracture spine closed without cord damage stable lesion
27	Fracture spine closed with cord damage cervical spine with respiratory involvement
28	Fracture spine closed with cord damage below cervical spine (progressive)
29	Fracture spine open with cord damage cervical spine with respiratory involvement
30	Fracture spine open with cord damage below cervical spine (progressive)
31	Intervertebral disc disorders with nerve root compression resistant to bed rest/traction
32	Intervertebral disc disorders with nerve root compression responding to bed rest/traction
33	Strains and sprains sacroiliac region severe - nonambulatory
34	Strains and sprains sacroiliac region moderate - ambulatory
35	Burn thermal superficial head and neck greater than 5% but less than 10% of total body area and/or eye involvement
36	Burn thermal superficial head and neck less than 5% of total body area and no eye involvement

Appendix A

Patient Conditions & Preventive Medicine Objectives

PC #	PATIENT CONDITION
37	Burn thermal partial thickness head & neck greater than 5% but less than 10% of total body area and/or eye involvement
38	Burn thermal partial thickness head and neck less than 5% of total body area and no eye involvement
39	Burn thermal full thickness head and neck greater than 5% but less than 10% of total body area with eye involvement
40	Burn thermal full thickness head and neck less than 5% of total body area and no eye involvement
41	Fracture clavicle closed all cases
42	Wound shoulder girdle open with bone injury severe - joint involvement
43	Wound shoulder girdle open with bone injury moderate - no joint involvement
44	Fracture humerus closed upper shaft all cases
45	Wound upper arm open penetrating lacerated without fracture severe - with nerve and/or vascular injury
46	Wound upper arm open penetrating lacerated without fracture moderate - without nerve or vascular injury
47	Wound upper arm open with fractures and nerve and vascular injury arm nonsalvageable
48	Wound upper arm open with fractures and nerve injury no vascular injury arm salvageable
49	Fracture radius and ulna closed severe - shafts of bones
50	Fracture radius and ulna closed moderate - colles fracture
51	Wound forearm open lacerated penetrating w/obone/nerve/or vascular injury w/major loss of muscle tissue severe requiring major debridement
52	Wound forearm open lacerated penetrating w/o bone/nerve/vascular injury moderate - not requiring major debridement
53	Wound forearm open lacerated penetrating with fracture and with nerve and vascular injury forearm not salvageable
54	Wound forearm open lacerated penetrating with fracture and with nerve and vascular injury forearm salvageable
55	Fracture hand or fingers closed severe - requiring closed reduction
56	Fracture hand and/or fingers closed moderate - not requiring closed reduction
57	Wound hand and/or fingers open lacerated without fractures severe - superficial and deep tendon involvement
58	Wound hand and/or fingers open lacerated without fractures moderate - no tendon involvement or limited to sublimis tendon involvement
59	Wound hand open lacerated contused crushed w/fracture(s) all cases - involving fractures of carpals and/or metacarpals
60	Wound fingers open lacerated contused crushed with fracture(s) of phalangeals requiring rehabilitation
61	Crush injury upper extremity severe - limb not salvageable
62	Crush injury upper extremity moderate - limb salvageable
63	Not assigned
64	Dislocation shoulder closed all cases
65	Dislocation/fracture elbow closed acute all cases
66	Not assigned
67	Dislocation hand or wrist closed acute
68	Dislocation fingers closed acute
69	Amputation hand traumatic complete all cases
70	Amputation forearm traumatic complete all cases
71	Amputation full arm traumatic complete all cases
72	Sprain wrist closed acute all cases
73	Sprain thumb closed acute severe

Appendix A **Patient Conditions & Preventive Medicine Objectives**

PC #	PATIENT CONDITION
74	Sprain fingers closed acute moderate - no thumb involvement
75	Burn thermal superficial upper extremities greater than 10% but less than 20% of total body area involved
76	Burn thermal superficial upper extremity less than 10% of total body area involved
77	Burn thermal partial thickness upper extremities greater than 10% but less than 20% of total body area involved
78	Burn thermal partial thickness upper extremity less than 10% of total body area involved
79	Burn thermal full thickness upper extremities greater than 10% but less than 20% of total body area involved
80	Burn thermal full thickness upper extremity less than 10% of total body area involved
81	Fracture ribs closed severe - multiple fractures
82	Fracture rib(s) closed moderate
83	Injury lung closed (blast crush) w/pneumothorax severe-1 lung w/pulmonary contusion & severe resp. distress
84	Injury lung closed (blast crush) w/ pneumothorax moderate-1 lung w/ pulmonary contusion & respiratory distress
85	Wound thorax (anterior or posterior) open superficial lacerated contused abraded avulsed requiring major debridement
86	Wound thorax (anterior or posterior) open superficial lacerated contused abraded avulsed not requiring major debride
87	Wound thorax (anterior or posterior) open penetrating with associated rib fractures and pneumothorax acute severe respiratory distress
88	Wound thorax (anterior or posterior) open penetrating with associated rib fractures and pneumothorax moderate respiratory distress
89	Not assigned
90	Burn thermal superficial trunk greater than 20% but less than 30% of total body area involved
91	Burn thermal superficial trunk greater than 10% but less than 20% of total body area involved
92	Burn thermal partial thickness trunk greater than 20% but less than 30% of total body area involved
93	Burn thermal partial thickness trunk greater than 10% but less than 20% of total body area involved
94	Burn thermal full thickness trunk greater than 20% but less than 30% of total body area involved
95	Burn thermal full thickness trunk greater than 10% but less than 20% of total body area involved
96	Wound abdominal wall (anterior or posterior) lacerated abraded avulsed w/o entering abdominal cavity severe-requiring major debridement
97	Wound abdominal wall (anterior or posterior) lacerated abraded avulsed without entering abdominal cavity not requiring major debridement
98	Wound liver closed acute (crush fracture) major liver damage
99	Wound liver closed acute (crush fracture) minor liver damage
100	Wound spleen closed acute (crush fracture) all cases
101	Wound abdominal cavity open with lacerating penetrating perforating wound to the large bowel
102	Wound abdominal cavity open w/lacerating penetrating perforating wound to small bowel w/o major/multiple resections
103	Wound abdominal cavity open with penetrating perforating wound of liver major damage
104	Wound abdominal cavity open with penetrating perforating abdominal wound with lacerated liver
105	Wound abdominal cavity open with penetrating perforating wound of spleen
106	Wound abdominal cavity open with lacerated penetrated perforated wound with shattered kidney
107	Wound abdominal cavity open with lacerated penetrating perforating wound initially repaired but subsequent nephrectomy
108	Wound penetration of pelvis with severe organ damage
109	Wound penetration of pelvis with moderate organ damage
110	Wound buttocks severe - open lacerated penetrating perforating and avulsed

Appendix A

Patient Conditions & Preventive Medicine Objectives

PC #	PATIENT CONDITION
111	Wound buttocks moderate - open lacerated contused and abraded
112	Displaced fracture of pelvis closed with associated soft tissue damage and pelvic organ damage
113	Nondisplaced fracture of pelvis closed with associated soft tissue damage
114	Wound abdomen open w/pelvic fracture & penetrating perforating wounds to multiple pelvic structures (male or female)
115	Wound abdomen open with pelvic fracture and penetrating perforating wounds to pelvic colon only (male or female)
116	Wound external genitalia male severe - lacerated avulsed crushed
117	Wound external genitalia male moderate - abraded and contused
118	Wound external genitalia female severe - lacerated avulsed crushed
119	Wound external genitalia female moderate - abraded contused
120	Fracture closed femur shaft all cases
121	Wound thigh open without fracture nerve or vascular injury requiring major debridement
122	Wound thigh open without fracture nerve or vascular injury not requiring major debridement
123	Wound thigh open lacerated penetrating perforating with fracture and nerve/vascular injury limb not salvageable
124	Wound thigh open lacerated penetrating perforating with fracture and nerve and/or vascular injury limb salvageable
125	Wound knee open lacerated penetrating perforating with joint space penetration shattered knee
126	Wound knee open lacerated penetrating perforating w/joint space penetration articular cartilage damage no bone injury
127	Fracture closed tibia and fibula shaft all cases
128	Wound lower leg open lacerated penetrating perforating without fractures requiring major debridement
129	Wound lower leg open lacerated penetrating perforating without fractures not requiring major debridement
130	Wound lower leg open lacerated penetrating perforating with fracture and nerve/vascular injury limb not salvageable
131	Wound lower leg open lacerated penetrating perforating with fracture and nerve and/or vascular injury limb salvageable
132	Fracture ankle/foot closed displaced requiring reduction
133	Fracture ankle/foot closed nondisplaced not requiring reduction
134	Wound ankle foot toes open lacerated contused without fractures but requiring major debridement
135	Wound ankle foot toes open lacerated contused without fractures not requiring major debridement
136	Wound ankle foot toes open penetrating perforating with fractures and nerve/vascular injury limb not salvageable
137	Wound ankle foot toes open penetrating perforating with fractures and nerve and/or vascular injury limb salvageable
138	Crush injury lower extremity limb not salvageable
139	Crush injury lower extremity limb salvageable
140	Dislocation hip closed acute all cases
141	Tear ligaments knee acute complete rupture
142	Tear ligaments knee acute incomplete rupture
143	Dislocation toes closed acute all cases
144	Amputation foot traumatic complete all cases
145	Amputation below knee traumatic complete all cases
146	Amputation traumatic complete requiring hip disarticulation
147	Amputation above knee traumatic complete

Appendix A Patient Conditions & Preventive Medicine Objectives

PC #	PATIENT CONDITION
148	Sprain ankle closed acute with complete ligament rupture
149	Sprain ankle closed acute grade 2 incomplete ligament rupture
150	Burn thermal superficial lower extremities and genitalia greater than 30% but less than 40% of total body area involved
151	Burn thermal superficial lower extremities and genitalia greater than 15% but less than 30% of total body area involved
152	Burn thermal partial thickness lower extremities and genitalia greater than 30% but less than 40% of TBSA involved
153	Burn thermal partial thickness lower extremities and genitalia greater than 15% but less than 30% of TBSA involved
154	Burn thermal full thickness lower extremities and genitalia greater than 30% but less than 40% of TBSA involved
155	Burn thermal full thickness lower extremities and genitalia greater than 15% but less than 30% of total body area involved
156	Blisters hand fingers foot toes due to friction acute moderate all cases
157	Insect bites and stings (unspecified body area) with systemic symptoms and/or respiratory difficulty
158	Bites and stings (unspecified body area) moderate localized symptoms
159	MIW brain and chest with sucking chest wound and pneumothorax
160	MIW brain and abdomen with penetrating perforating wound colon
161	MIW brain and abdomen with penetrating perforating wound kidney
162	MIW brain and abdomen with penetrating perforating wound bladder
163	MIW brain and abdomen with shock and penetrating perforating wound spleen
164	MIW brain and abdomen with shock and penetrating perforating wound liver
165	MIW brain and lower limbs requiring bilateral above knee amputations
166	MIW chest with pneumothorax and abdomen with penetrating wound colon
167	MIW chest with pneumothorax and abdomen with penetrating perforating wound kidney bladder
168	MIW chest with pneumothorax and abdomen with perforating wound bladder
169	MIW chest with pneumothorax and abdomen with penetrating perforating wound spleen
170	MIW chest with pneumothorax and abdomen with penetrating perforating wound liver
171	MIW chest with pneumothorax and limbs with fracture and vascular injury
172	MIW abdomen with penetrating perforating wound of colon and bladder
173	MIW abdomen with penetrating perforating wound of colon and spleen
174	MIW abdomen with penetrating perforating wound of colon and liver
175	MIW abdomen & limbs w/penetrated perforated colon & open fracture & neurovascular injury of salvageable lower limb
176	MIW abdomen and pelvis with penetrating perforating wound of liver and kidney
177	MIW abdomen and pelvis with penetrating perforating wounds of spleen and bladder
178	MIW abdomen pelvis limbs with fracture and neurovascular injury limb salvageable and penetrating wound kidney
179	MIW abdomen pelvis limbs without fracture or neurovascular injury and penetrating perforating wound bladder
180	MIW abdomen & lower limbs w/fracture & nerve injury w/penetrating wound spleen w/full thickness burns TBSA>20%
181	MIW abdomen and limbs without fracture or nerve injury with penetrating wound of liver
182	MIW chest with pneumothorax soft tissue injury to upper limbs and penetrating wound of brain
183	MIW chest with pneumothorax soft tissue injury to upper limbs and abdomen with wound of colon
184	MIW chest with pneumothorax pelvis and abdomen with wound of colon and bladder

Appendix A Patient Conditions & Preventive Medicine Objectives

PC #	PATIENT CONDITION
185	MIW abdomen and chest with multiple organ damage
186	Multiple nonperforating fragment wounds of skin and soft tissue
187	Trench foot immersion foot severe - vesicle formation
188	Trench foot immersion foot moderate - no vesicle formation
189	Not assigned
190	Frostbite full skin thickness or deeper involvement
191	Frostbite less than full skin thickness
192	Hypothermia all cases
193	Heat stroke
194	Heat exhaustion
195	Heat cramps all cases
196	Appendicitis acute with perforation rupture peritonitis
197	Appendicitis acute without perforation rupture peritonitis
198	Inguinal hernia complicated direct or indirect sliding incarceration of bowel
199	Inguinal hernia uncomplicated direct or indirect no sliding no incarceration of bowel or bladder
200	Internal derangement of knee chronic with torn meniscus and/or ligament laxity
201	Strain lumbosacral sacroiliac joint chronic all cases
202	Eczema dermatitis seborrheic contact others affecting weight bearing or pressure areas
203	Eczema dermatitis seborrheic contact others not affecting weight bearing areas
204	Boils furuncles pyoderma requiring surgery
205	Boils furuncles pyoderma, all other cases, calluses, corns, folliculitis, erythrasma
206	Cellulitis involving face or weight bearing areas
207	Cellulitis other than face or weight bearing areas
208	Dermatophytosis severe - affecting feet
209	Fungal Infections all cases (Tineas/Candidas/Yeasts)
210	Pediculosis all cases
211	Scabies all cases
212	Pilonidal cyst/abscess requiring major excision
213	Cyst/Abscess all cases, requiring minor incision
214	Ingrown toenails bilateral with secondary infections unresolvable at Echelon 2
215	Ingrown toenails without secondary infection
216	Herpes simplex and zoster without encephalitis, all types of viral dermatitis
217	Not assigned
218	Not assigned
219	Hyperhidrosis all cases
220	Blepharitis all cases
221	Conjunctivitis severe all cases

Appendix A **Patient Conditions & Preventive Medicine Objectives**

PC #	PATIENT CONDITION
222	Conjunctivitis moderate all cases
223	Corneal ulcer
224	Corneal abrasion
225	Iridocyclitis acute marked visual impairment
226	Iridocyclitis acute minimal visual impairment
227	Refraction and accommodation disorders refraction required
228	Refraction and accommodation disorders replacement or repair of spectacles required
229	Otitis externa all cases
230	Otitis media acute suppurative, including eustacian tube all cases
231	Not assigned
232	Infections of the nose & paranasal sinuses including viral rhinitis
233	Upper respiratory infections acute including tonsillitis all cases
234	Bronchitis acute all cases
235	Asthma with disabling symptoms or repeated attacks
236	Asthma other cases
237	Not assigned
238	Not assigned
239	Acute respiratory disease severe
240	Acute respiratory disease moderate
241	Not assigned
242	Not assigned
243	Food poisoning all organisms disabling symptoms
244	Food poisoning all organisms moderate symptoms
245	Diarrheal disease severe
246	Diarrheal disease moderate
247	Upper gastrointestinal hemorrhage gastritis or ulcer
248	Dyspepsia acute all cases
249	Peptic ulcer gastric or duodenal penetrating and/or perforating
250	Peptic ulcer gastric or duodenal uncomplicated
251	Regional ileitis disabling symptoms unresponsive to treatment
252	Regional ileitis responds to treatment
253	Helminthic disease including trichinosis, ascariasis, giardiasis, tapeworm, hookworm, pinworm
254	Not assigned
255	Migraine all cases
256	Hemorrhoidal disease all cases
257	Not assigned
258	Severe hypertension

Appendix A
Patient Conditions & Preventive Medicine Objectives

PC #	PATIENT CONDITION
259	Ischemic heart disease
260	Phlebitis deep vein involvement
261	Not assigned
262	Tenosynovitis, tendinitis, bursitis, epicondylitis
263	Meningo-encephalitis uncomplicated
264	Meningo-encephalitis complicated
265	Near drowning without cervical spine injury or hypothermia all cases
266	Toxic inhalation including burn-related respiratory injuries severe all cases
267	Not assigned
268	White phosphorus burns resultant partial thickness burns < 40% TBSA all cases
269	Sexually transmitted disease NSU, mucopurulent cervicitis, trichomonos
270	Sexually transmitted disease genital ulcers, adenopathy, chancroid, genital herpes simplex, lymphogranuloma venereum, syphilis
271	Sexually transmitted disease gonorrhea, chlamydia, septic arthritis, PID
272	Glomerulonephritis acute
273	Glomerulonephritis chronic
274	Pyelonephritis acute secondary to obstruction
275	Pyelonephritis acute no obstruction
276	Nephrotic syndrome/Renal failure all cases
277	Renal/Ureteral calculus causing obstruction impacted
278	Renal/Ureteral calculus not causing obstruction
279	Epididymitis, cystitis, prostatitis, orchitis, including testicular torsion, acute all cases
280	Balanoposthitis all cases
281	Not assigned
282	Infectious mononucleosis all cases
283	Hepatitis infectious viral all cases
284	Not assigned
285	Cholecystitis acute with stones/Cholecystitis all cases
286	Pancreatitis acute all cases
287	Cirrhosis all cases
288	Not assigned
289	Neoplasms malignant
290	Neoplasms benign
291	Abnormal uterine bleeding
292	Dysmenorrhea amenorrhea
293	Pelvic inflammatory disease (PID) all cases
294	Cervicitis endocervicitis with symptomatic leukorrhea
295	Vulvovaginitis

Appendix A **Patient Conditions & Preventive Medicine Objectives**

PC #	PATIENT CONDITION
296	Not assigned
297	Ectopic pregnancy all cases
298	Not assigned
299	Abortion spontaneous with hemorrhage
300	Not assigned
301	Psychosis
302	Conduct disorders
303	Non-psychotic mental disorders
304	Stress reaction severe unstable slow improvement
305	Stress reaction severe stable slow improvement
306	Alcohol dependency syndrome moderate
307	Alcohol misuse simple intoxication
308	Drug dependency (other than alcohol) severe
309	Drug misuse (other than alcohol) mild or moderate
310	Stress reaction mild/moderate
311	Eye wound lacerated penetrated with retinal injury eye salvageable
312	Wound knee open lacerated penetrating perforating with joint space penetration no bone or articular cartilage
313	Wound abdominal cavity open with lacerated penetrating perforating wound kidney moderate - kidney salvageable
314	Stress reaction severe unstable delayed improvement
315	Stress reaction severe unstable persisting
316	Alcohol dependency severe - impending or actual DTs
317	Drug misuse (other than alcohol) severe - atypical no dependency
318	Stress reaction severe - rapid improvement
319	Wound fingers open lacerated contused crushed with fracture(s) of phalangeals not requiring rehabilitation
320	Dislocation/subluxation temporomandibular joint without fracture chronic requiring correction
321	Dislocation/subluxation temporomandibular joint without fracture acute initial injury
322	Fracture mandible with/without oral laceration without airway involvement unstable severe requiring open reduction
323	Fracture mandible with/without oral laceration without airway involvement mild displacement stable
324	Stress reaction severe stable - delayed improvement
325	Stress reaction severe stable persisting
326	Not assigned
327	Not assigned
328	Animal bites and rabies exposure
329	Trachoma all cases
330	Schistosomiasis all cases
331	Malaria severe - all species
332	Malaria moderate - all species

Appendix A
Patient Conditions & Preventive Medicine Objectives

PC #	PATIENT CONDITION
333	Febrile illness acute severe - except malaria and pneumonia
334	Febrile illness acute moderate
335	Snake bite
336	Not assigned
337	Not assigned
338	Not assigned
339	Cutaneous ulcers including leishmaniasis
340	Not assigned
341	Not assigned
342	Not assigned
343	Not assigned
344	Not assigned
345	Not assigned
346	Eye wound directed energy induced (laser) severe of macula and/or optic nerve with vitreous blood severe visual loss one or both eyes
347	Eye wound directed energy induced (laser/rfr) moderate to severe posterior nonmacular nonoptic nerve visual loss secondary to vitreous blood
348	Eye wound directed energy induced (laser) moderate nonmacular nonoptic nerve no vitreous blood
349	Eye wound directed energy induced (laser/rfr) mild/moderate anterior pain w/photophobia & disrupted corneal integrity
350	Eye wound directed energy induced (laser) mild flash blindness no permanent damage
600	Hyphema all cases
601	Verruca/Plantar Warts/Anal/Genital Condylomas
602	Common Dermatoses - Pruritis/Urticaria
603	Smoke Inhalation
604	Electrical Shock
605	Arthritis
606	Constipation/Fecal impaction
607	Motion Sickness/Vertigo
608	Gastroenteritis
609	Stroke
610	Diabetes
611	Acne, Sebaceous gland condition
612	Rickettsial disease including rocky mountain spotted fever, scrub typhus
613	Poisoning, including ingestion, inhalation, contact
614	Decompression Sickness
615	Syncopal, Vasovagal
616	Aircraft Accident (Collect blood/urine samples only)
617	Urinary Tract Infection, uncomplicated

Appendix A
Patient Conditions & Preventive Medicine Objectives

PMO #	PREVENTIVE MEDICINE OBJECTIVE
900	Water sanitation
901	Pest Control
902	Heat/cold injury prevention
903	Communicable disease intervention
904	Food sanitation
905	Common area sanitation
906	Berthing area sanitation
907	Waste management
908	Force training
909	Hearing conservation
910	Routine Physical Exam

Appendix B
GMO/PA-Level Clinical Tasks & AMMAL Supplies

NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
TASK A6:	APPY TOURNIQUET				
6515003830565	Tourniquet Nonpneumatic 42 x 1.5IN	1	EA		✓
TASK 001:	TRIAGE¹				
7210009356666	Blanket Casualty Plastic Film & Aluminum 95 x 56IN	1	EA		✓
6530013154784	Litter Rigid Stokes Steel Corrosion Resisting	1	EA		✓
6530011991969	Litter Splint Extrication Non-sterile 66 x 14 x 2.5IN	1	EA	✓	
6530007844315	Strap Web Cotton Mildew/Water Resist 66 x 1.5IN	2	EA		✓
4010013124854	Wire Rope Assembly Stokes/Sea Air Rescue	1	EA		✓
TASK 002::	ASSESSMENT AND EVALUATION OF PATIENT STATUS^{1, 2}				
6515003245500	Depressor Tongue Wood 6 x .75IN Straight 100s	1-2	EA	✓	
6515003393200	Gag Denhardt 5IN LG 1.5IN Ratch-Pawl Channel	1	EA		✓
6515013648553	Glove Patient Exam/Treat Med Prepowdered 100s	2	EA	✓	
6505001538809	Lubricant Surgical 4OZ (113.4GM) Tube	0.3	OZ	✓	
6515009827493	Mask Surgical Non-sterile Nonwoven Fabric 50s	1	EA	✓	
6515003478600	Mirror Laryngeal .75IN Dia 8.5IN Handle	1	EA	✓	
6515005507199	Otoscope & Ophthalmoscope Set Child & Adult	1	SE		✓
6515013333165	Otoscope & Ophthalmoscope Set Electric	1	SE		✓
6515003389100	Tuning Fork C-128 Pitch Designator With Clamp	1	EA		✓
TASK 006:	INSERT AIRWAY (ORO/NASO PHARYNGEAL)				
6515012331920	Airway Nasopharyngeal 8MM OD Smooth Edges 10s	1	EA	✓	
6515009582232	Airway Pharyngeal Berman Design 80MM 12s	1	EA	✓	
6515011649637	Airway Pharyngeal Cut Away Flange 30FR 30s	1	EA	✓	
TASK 007:	EMERGENCY CRICOTHYROIDOTOMY				
6515013215211	Airway Kit Percutaneous Emergency Adult 1s	1	EA		✓
6530002999608	Drape Surgical General Green 24 x 24IN 6s	1	EA	✓	
6515003343800	Forceps Hemo Kelly 5.25-5.75IN LG Slight Curve	2	EA	✓	
6515003346800	Forceps Hemostatic Kelly 5.5IN Straight	2	EA	✓	
6515011498839	Gloves Surg Gen Surg SZ 6.5 Powder-Free 50PR	1	PR	✓	
6515011498840	Gloves Surg Gen Surg SZ 7.0 Powder-Free 50PR	1	PR		✓
6515011498841	Gloves Surg Gen Surg SZ 7.5 Powder-Free 50PR	1	PR	✓	
6515011498842	Gloves Surg Gen Surg SZ 8.0 Powder-Free 50PR	1	PR	✓	
4240001906432	Goggles Industrial Plastic Lens D2 Frame	1	PR		✓
6505014554200	Lidocaine & Epinephrine INJ 1:100000 20 ML Vi	3	ML	✓	
6505005986116	Lidocaine HCL INJ USP 1% 10MG/ML 50ML BT	3	ML	✓	
6515009827493	Mask Surgical Non-sterile Nonwoven Fabric 50s	1	EA	✓	
6510010100307	Pad Povidone-Iodine Impreg 1 x 2IN Brown 100s	1	EA	✓	
6505007540374	Povidone-Iodine Topical Solution 1% 1GL	0.5	OZ	✓	
6515003651820	Scissors Gen Surg 5.50IN LG One Blunt	1	EA	✓	
6510007822698	Sponge Surg 8-Ply Gauze White 4 x 4IN 200s	10	EA	✓	
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	4	EA		✓
6530007081590	Stand Surg 62 x 17 x 20IN Adj Auto Lock Casters	1	EA		✓
6510009268883	Tape Adhesive Surg Woven 2IN x 10YD 6s	0.1	RL	✓	
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.1	RL	✓	
7210002999610	Towel Hand Cotton Grn/Gray Nondisp 36 x 17IN 1s	1	EA	✓	
6530013472340	Towel Pack Surg Sterile Highly Abs Blue 20s	1.5	EA		✓

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Appendix B

GMO/PA-Level Clinical Tasks & AMMAL Supplies

NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
6530007939570	Tray Instrument Steel 19 x 12 x 0.75IN	1	EA		√
TASK 010:	NEUROLOGICAL ASSESSMENT				
6515003406700	Hammer Reflex Testing Large Triangle Head	1	EA	√	
6515005507199	Otoscope & Ophthalmoscope Set Child & Adult	1	SE		√
TASK 011:	SPINAL STABILIZATION (COLLAR/SPINE BOARD)¹				
6530011991969	Litter Splint Extrication Non-sterile 66 x 14 x 2.5IN	1	EA	√	
6515014524435	Support Cervical Adjustable Adult Collar 1s	1	EA		√
TASK 017:	SUCTION (ORAL/TRACH/ENDO)				
6505001325181	Oxygen USP 99% Cylinder Type-D 95GL	1	EA	√	
6515014354257	Suction Apparatus Oropharyngeal Tracheal Port	1	EA	√	
6515011470203	Tube Suction Flexible Whistle Tip 72IN LG 50s	1	EA		√
6515004588411	Tube Suction Rigid Tonsil Tip 14FR 50s	1	EA	√	
TASK 019:	EMERGENCY CONTROL OF HEMORRHAGE^{1, 2}				
6510002011755	Bandage Muslin Camouflage 37 x 37 x 52IN	1-2	EA	√	
6510001055807	Bandage Elastic Coban Flesh 3IN x 5YD 24s	1	RL	√	
6510010888465	Bandage Elastic Rubber Nylon & Plystr Rolled 10yd	2	YD	√	
6510009355822	Bandage Elastic Rolled Ace 4IN x 4.5yds 12s	1-2	RL	√	
6510000583047	Bandage Gauze Kerlix 4.5IN x 4YDS 100s	1-4	RL	√	
6510002007013	Bandage Gauze Tubular White 0.9IN x 5YD w/Applicator	24	IN	√	
6510002007007	Bandage Gauze Tubular White 0.6IN x 5YD w/Applicator	24	IN	√	
6510002017425	Dressing First Aid Field Camouflage 11 x 12in	1-2	EA	√	
6510002017430	Dressing First Aid Field Camouflage 7 x 8IN 1s	1-4	EA	√	
6510000835573	Dressing First Aid Field White 4 x 6IN Pleated	1-4	EA		√
6510007822698	Sponge Surg 8-Ply Gauze White 4 x 4IN 200s	1-20	EA	√	
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	1-10	EA		√
TASK 023:	O₂ ADMINISTRATION CONTINUOUS (NASAL/MASK)				
6505001325181	Oxygen USP 99% Cylinder Type-D 95GL	1	EA	√	
6505001325199	Oxygen USP 99% Cylinder Type-H 1650GL	1	EA		√
TASK 022:	O₂ ADMINISTRATION SET UP				
6515002463782	Cannula Nasal Oxygen 78IN LG Plastic Disposable 1s	1	EA	√	
6515004696573	Humidifier Oxygen 400CC Cap Diffuser Type	1	EA	√	
6515005628308	Tubing Oxygen Force-Fit 72IN Plastic 50s	1	EA	√	
6515008886122	Mask Oronasal Semi-Rigid Translucent 50s	1	EA		√
6515009269201	Connector Tubing Straight 50s	1	EA		√
6680011746276	Regulator Pressure Med Gas Admin Apparatus	1	EA	√	
6680012346789	Regulator Oxygen D/E Cylinders 2 Diss 1 Barb	1	EA		√
5120002643794	Wrench Open End Adjust Non-Spark/Magnetic 12IN	1	EA		√
8120005508484	Yoke-Adapter Compressed Gas Cylinder Flush Type	1	EA	√	
TASK 024:	VITAL SIGNS¹				
6515011263843	Cover Electronic Thermometer Tapered 5000s	1	EA	√	
6515010394884	Sphygmomanometer Aneroid 300MM Max	1	EA	√	

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GMO/PA-Level Clinical Tasks & AMMAL Supplies

NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
6515013146694	Stethoscope Littman Classic II 28IN LG	1	EA	✓	
6515013008670	Thermometer Clinical Human Oral/Rectal Battery	1	EA	✓	
6515013753244	Thermometer Human Sub-Normal 86-100 Deg 6s	1	EA	✓	
TASK 025:	CARDIAC MONITOR SET UP AND CONNECT TO PATIENT				
6515013958729	Electrocardiograph Stand Alone Multi-Channel	1	EA		✓
6515011535752	Electrode EKG Pregelled 4.4CM 25s	12	EA		✓
TASK 032	SET-UP PULSE OXIMETER				
6515013055112	Oximeter Pulse 720 CU IN 115/230V 50/60HZ	1	EA		✓
6515012754828	Sensor Oxygen Monitoring 40KG Adult Reusable	1	EA		✓
TASK 044:	SETUP DRAINAGE BOTTLES/PLEUREVAC				
6515010587450	Drainage Unit Pleural Cavity Plastic Water-Seal 6s	1	EA		✓
6515012254754	Suction Apparatus Surg Auto Thermotic Mobile	1	EA		✓
TASK 046:	MAINTAIN CHEST TUBE SUCTION (EQUIP TSK)				
6515012254754	Suction Apparatus Surg Auto Thermotic Mobile	1	EA		✓
TASK 049:	START/CHANGE IV INFUSION SITE¹				
6515013365874	Catheter & Needle Unit IV 16GA x 1.25IN 200s	1	EA	✓	
6515013373681	Catheter & Needle Unit IV 18GA x 1.25IN 200s	1	EA	✓	
6515013373682	Catheter & Needle Unit IV 20GA x 1.25IN 200s	1	EA	✓	
6515013773836	Extension Set IV 30IN w/Roller Clamp 48s	1	EA	✓	
6515005842893	Infusor Pressure Blood/Fluid Collecting-Dispensing	1	EA		✓
6515001179021	Intravenous INJ Set Vented 15 Drops/ML 48s	1	EA	✓	
6510007863736	Pad Prep Isopropyl Alcohol Impregnated 1 x 2.5IN 100s	1	EA	✓	
6530007926000	Rod IV Bag Hanging Steel	1	EA		✓
6510009268883	Tape Adhesive Surg Woven 2IN x 10YD 6s	0.05	RL	✓	
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.05	RL	✓	
TASK 050:	ADMINISTER IV INFUSION¹				
6505014622502	Dextrose & Sodium Chloride Injection 1000ML Bag 12s	1	EA		✓
6505014621915	Dextrose Injection USP 5% 1000 ML Bag 12s	1	EA		✓
6505014623025	Ringer's Injection Lactated 1000ML Bag 12s	1	EA	✓	
6505014622436	Sodium Chloride Injection 0.9% 1000 ML Bag 12s	1	EA	✓	
TASK 064:	VENOUS CUTDOWN				
6515006600011	Blade Surgical Knife Detachable #10 6s	1	EA	✓	
6515006600010	Blade Surgical Knife Detachable #11 6s	1	EA	✓	
6515006600009	Blade Surgical Knife Detachable #12 6s	1	EA		✓
6515006600008	Blade Surgical Knife Detachable #15 6s	1	EA	✓	
6515003343800	Forceps Hemo Kelly 5.25-5.75IN LG Slight Curve	2	EA	✓	
6515003346800	Forceps Hemostatic Kelly 5.5IN Straight	2	EA	✓	
6515003379800	Forceps Tissue 5IN LG Tweezer	1	EA	✓	
6515003377800	Forceps Tissue Adson 4.5IN Tweezer Str & Smooth	1	EA	✓	
4240001906432	Goggles Industrial Plastic Lens D2 Frame	1	PR		✓
6515003447800	Handle Surg Knife Blade SZ 3 Narrow Nose	1	EA	✓	

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
6515003417200	Holder Suture Needle Collier 5IN Straight	1	EA	✓	
6515002998736	Holder Suture Needle Hegar-Mayo 6IN LG	1	EA	✓	
6510007863736	Pad Prep Isopropyl Alcohol Impregnated 1 x 2.5IN 100s	2	EA	✓	
6515011190018	Probe General Operating Bulbous Tip 5IN LG	1	EA	✓	
6515003651820	Scissors Gen Surg 5.50IN LG One Blunt Edge	1	EA	✓	
6515003644800	Scissors Iris 4IN Straight Finger Ring	1	EA	✓	
6530007081590	Stand Surg 62 x 17 x 20IN Adj Auto Lock Casters	1	EA		✓
6515007344342	Suture Nonabs SZ 4-0 Nylon Cutting Ndl 36s	1	EA	✓	
6510009268883	Tape Adhesive Surg Woven 2IN x 10YD 6s	0.1	RL	✓	
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.1	RL	✓	
7210002999610	Towel Hand Cotton Grn/Gray Nondisp 36 x 17IN 1s	1	EA	✓	
6530007939570	Tray Instrument Steel 19 x 12 x .75in	1	EA		✓
6515013851697	Tube Drainage Surg Penrose 7/8 x 12IN 200s	1	EA	✓	
TASK 068: IV INFUSION TERMINATE					
6510007822698	Sponge Surg 8-Ply Gauze White 4 x 4IN 200s	2	EA	✓	
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.1	RL	✓	
TASK 069: INITIATE SALINE LOCK					
6515011535942	Adapter IV Needle Male Luer w/INJ Site 1 5/8IN	1	EA		✓
6515010938662	Cap Catheter Rubber Luer Lock Disposable 200s	1	EA		✓
TASK 070: BOWEL SOUNDS ASSESS					
6515013146694	Stethoscope Littman Classic II 28IN LG	1	EA	✓	
TASK 071: INSERT NG/OG TUBE					
6515013648553	Glove Patient Exam/Treat Med Prepowdered 100s	2	EA	✓	
6515011498839	Gloves Surg Gen Surg SZ 6.5 Powder-Free 50PR	1	PR	✓	
6515011498840	Gloves Surg Gen Surg SZ 7.0 Powder-Free 50PR	1	PR		✓
6515011498841	Gloves Surg Gen Surg SZ 7.5 Powder-Free 50PR	1	PR	✓	
6515011498842	Gloves Surg Gen Surg SZ 8.0 Powder-Free 50PR	1	PR	✓	
6505001538809	Lubricant Surgical 4OZ (113.4GM) Tube	0.2	OZ	✓	
6510009268883	Tape Adhesive Surg Woven 2IN x 10YD 6s	0.01	RL	✓	
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.01	RL	✓	
6515001490316	Tube Stomach Surgical Plastic Salem 50s	1	EA	✓	
TASK 073: PERFORM NG/OG SUCTION					
6515014354257	Suction Apparatus Oropharyngeal Tracheal Port	1	EA	✓	
TASK 075: IRRIGATE NG/OG TUBE					
6530007709220	Basin Emesis Steel Kidney Shape 500ML	1	EA	✓	
6515013648553	Glove Patient Exam/Treat Med Prepowdered 100s	2	EA	✓	
6515011498841	Gloves Surg Gen Surg SZ 7.5 Powder-Free 50PR	1	PR	✓	
6515011498842	Gloves Surg Gen Surg SZ 8.0 Powder-Free 50PR	1	PR	✓	
6505013308926	Sodium Chloride Irrigant 0.9% 1000ML BT 16s	1	EA	✓	
6510007822698	Sponge Surg 8-Ply Gauze White 4 x 4IN 200s	10	EA	✓	
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	2	EA		✓
6515014570288	Syringe Irrigating 60ML Luer Plastic Disposable 120s	1	EA	✓	

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
TASK 076:	GASTRIC LAVAGE				
6530007709220	Basin Emesis Steel Kidney Shape 500ML	1	EA	√	
6530007710225	Basin Wash 14IN Diameter x 5IN High Steel	1	EA		√
7240007710945	Basin Wash Steel Corrosion Resist 4.25QT	1	EA	√	
6515013648553	Glove Patient Exam/Treat Med Prepounded 100s	2	EA	√	
6515011498839	Gloves Surg Gen Surg SZ 6.5 Powder-Free 50PR	1	PR	√	
6515011498840	Gloves Surg Gen Surg SZ 7.0 Powder-Free 50PR	1	PR		√
6515011498841	Gloves Surg Gen Surg SZ 7.5 Powder-Free 50PR	1	PR	√	
6515011498842	Gloves Surg Gen Surg SZ 8.0 Powder-Free 50PR	1	PR	√	
6505001538809	Lubricant Surgical 4OZ (113.4GM) Tube	0.2	OZ	√	
6505013308926	Sodium Chloride Irrigant 0.9% 1000ML BT 16s	1	EA	√	
6510007822698	Sponge Surg 8-Ply Gauze White 4 x 4IN 200s	4	EA	√	
6530007081000	Stand Basin Double 33 x 12 x 30IN	1	EA		√
6515012254754	Suction Apparatus Surg Auto Thermotic Mobile	1	EA		√
6515014570288	Syringe Irrigating 60ML Luer Plastic Disposable 120s	1	EA	√	
7210002999610	Towel Hand Cotton Grn/Gray Non-disposable 36 x 17IN	1	EA	√	
6515003865800	Tube Stomach Lavage w/Funnel 30FR 60 IN LG 1s	1	EA	√	
TASK 079:	CATHETERIZATION FOLEY				
6515001490104	Catheterization Kit Urethral 16FR Disposable	1	EA	√	
TASK 082:	MEASURE/RECORD INTAKE/OUTPUT				
6530007717025	Bedpan Oval 11 x 13 x 4IN Steel	1	EA	√	
3540002999811	Sealing Machine Heat Poly Wrap or Bags	1	EA		√
6530007944090	Urinal Male Patient Rd Shape Steel 2 Qt	1	EA	√	
TASK 084:	SHAVE AND PREP				
6515012346838	Applicator Disposable Squared Off Tip 100s	2	EA	√	
6530002998069	Bowl Surgical Sponge Aluminum 3 x 6IN Recessed	1	EA		√
6505001538809	Lubricant Surgical 4OZ (113.4GM) Tube	0.2	OZ	√	
6510010100307	Pad Povidone-Iodine Impreg 1 x 2IN Brown 100s	1	EA	√	
6505007540374	Povidone-Iodine Topical Solution 1% 1GL	0.5	OZ	√	
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	6	EA		√
TASK 085:	WOUND IRRIGATION				
6530007710225	Basin Wash 14IN Diameter x 5IN High Steel	1	EA		√
6530002998069	Bowl Surgical Sponge Aluminum 3 x 6IN Recessed	1	EA		√
6515013773836	Extension Set IV 30IN w/Roller Clamp 48s	1	EA	√	
6515011498839	Gloves Surg Gen Surg SZ 6.5 Powder-Free 50PR	1	PR	√	
6515011498840	Gloves Surg Gen Surg SZ 7.0 Powder-Free 50PR	1	PR		√
6515011498841	Gloves Surg Gen Surg SZ 7.5 Powder-Free 50PR	1	PR	√	
6515011498842	Gloves Surg Gen Surg SZ 8.0 Powder-Free 50PR	1	PR	√	
6505007540374	Povidone-Iodine Topical Solution 1% 1GL	2	OZ	√	
6505013308926	Sodium Chloride Irrigant 0.9% 1000ML BT 16s	1	EA	√	
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	10	EA		√
6530007081000	Stand Basin Double 33 x 12 x 30IN	1	EA		√
6515014570288	Syringe Irrigating 60ML Luer Plastic Disposable 120s	1	EA	√	
7210002999610	Towel Hand Cotton Grn/Gray Nondisp 36 x 17IN 1s	1	EA	√	

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
TASK 086:	CLEAN AND DRESS WOUND^{1, 2}				
6510002036010	Adhesive Tape Surg 12IN x 5yds Moleskin	0.3	RL	✓	
6515012346838	Applicator Disposable Squared Off Tip 100s	1-2	EA	✓	
6505001596625	Bacitracin Ointment .5OZ Tube 12s	1	TU	✓	
6510005977469	Bandage Adhesive Flesh/Clear 3IN 100s	4	EA	✓	
6510000583047	Bandage Gauze Kerlix 4.5IN x 4YDS 100s	1-3	RL	✓	
6510002007013	Bandage Gauze Tubular 5YD x .875IN w/Applicator	12	IN	✓	
6510002007007	Bandage Gauze Tubular White 0.6 IN x 5YD	12	IN	✓	
6505014141821	Benzoin Tincture 0.6ML Crushable Amp 100s	1-2	Am	✓	
6510012399781	Dressing Burn 8 x 18IN Saturated w/Water Gel 5s	1-2	EA	✓	
6510014422013	Dressing Burn First Aid 10 x 8CM 20s	1-2	EA	✓	
6510010037697	Gauze Absorbent Iodoform 0.25 x 5YD 12s	0.1	RL		✓
6515011498839	Gloves Surg Gen Surg SZ 6.5 Powder-Free 50PR	1	PR	✓	
6515011498840	Gloves Surg Gen Surg SZ 7.0 Powder-Free 50PR	1	PR		✓
6515011498841	Gloves Surg Gen Surg SZ 7.5 Powder-Free 50PR	1	PR	✓	
6515011498842	Gloves Surg Gen Surg SZ 8.0 Powder-Free 50PR	1	PR	✓	
6505001538480	Hydrogen Peroxide Topical Solution 1PT/473ML	20	ML	✓	
6505013308926	Sodium Chloride Irrigant 0.9% 1000ML BT 16s	0.3	EA	✓	
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	2-6	EA		✓
6510008897020	Suspensory Scrotal Medium White or Tan 12s	1	EA		✓
6510009268883	Tape Adhesive Surg Woven 2IN x 10YD 6s	0.1	RL	✓	
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.1	RL	✓	
TASK 090:	COMPRESSES (SOAKS)				
7210002999610	Towel Hand Cotton Grn/Gray Nondisp 36 x 17IN 1s	3	EA	✓	
7240007942975	Tub Foot Oval Steel 21 IN LG x 17 WI x 6 Deep	0.1	EA		✓
TASK 091:	APPLY ICE/HOT PACKS				
6530007706425	Bag Hot Water-Ice	1	EA	✓	
6530010611825	Pad Hot-Cold Treatment Circulating 15 x 12IN115	1	EA		✓
7210002999610	Towel Hand Cotton Grn/Gray Nondisp 36 x 17IN 1s	2	EA	✓	
TASK 092:	APPLY ACE BANDAGE¹				
6510009355822	Bandage Elastic Rolled Ace 4IN x 4.5yds 12s	1	RL	✓	
6510009355823	Bandage Elastic Rolled Ace 6IN x 4.5yds 12s	1	RL	✓	
TASK 096:	APPLY SLING				
6510002011755	Bandage Muslin Camouflage 37 x 37 x 52IN	1	EA	✓	
TASK 098:	APPLY SPLINT. IMMOBILIZE INJURED EXTREMITY^{1, 2}				
6510001055807	Bandage Elastic Coban Flesh 3IN x 5YD 24s	1-2	RL	✓	
6510009355822	Bandage Elastic Rolled Ace 4IN x 4.5yds 12s	1-2	RL	✓	
6510009355823	Bandage Elastic Rolled Ace 6IN x 4.5yds 12s	1	RL	✓	
6510000583047	Bandage Gauze Kerlix 4.5IN x 4YDS 100s	1	RL	✓	
6530011991969	Litter Splint Extrication Non-sterile 66 x 14 x 2.5IN	1	EA	✓	
6515001686894	Splint Finger Phalange 18 x .75IN Aluminium	0.3	EA	✓	
6515012254681	Splint Malleable Aluminum 36 x 4.5IN 12s	1-2	EA	✓	
6515014618338	Splint Material Polymer OCL Long Bone 5s	0.5	EA	✓	

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
6515014618357	Splint Material Polymer OCL Arm Bone 5s	1	EA	✓	
6510009268883	Tape Adhesive Surg Woven 2IN x 10YD 6s	0.1	RL	✓	
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.1	RL	✓	
6515010764713	Trousers Pneumatic Anti-Shock	1	EA		✓
TASK 099: CLOSED REDUCTION (FINGER, THUMB, TOE)					
6510001055807	Bandage Elastic Coban Flesh 3IN x 5YD 24s	1	RL	✓	
6515001686894	Splint Finger Phalange 18 x .75IN Aluminium	1	EA	✓	
6510009268883	Tape Adhesive Surg Woven 2IN x 10YD 6s	0.1	RL	✓	
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.1	RL	✓	
TASK 100: CLOSED REDUCTION OF FRACTURED RADIUS AND ULNA					
6510009355822	Bandage Elastic Rolled Ace 4IN x 4.5yds 12s	1	RL	✓	
6505001375891	Diazepam INJ 5MG/ML 2ML Syringe w/Ndl 10s	2	EA	✓	
6515014618357	Splint Material Polymer OCL Arm Bone 5s	1	EA	✓	
TASK 103: CIRCULATION CHECK					
6515013146694	Stethoscope Littman Classic II 28IN LG	1	EA	✓	
TASK 105: DOPPLER ASSESSMENT					
6515011910956	Stethoscope Ultrasound	1	EA		✓
TASK 108: MINOR SURGICAL PROCEDURE					
6515012346838	Applicator Disposable Squared Off Tip 100s	2	EA	✓	
6505001596625	Bacitracin Ointment .5OZ Tube 12s	1	TU	✓	
6510001055807	Bandage Elastic Coban Flesh 3IN x 5YD 24s	0.3	RL	✓	
6510009355822	Bandage Elastic Rolled Ace 4IN x 4.5yds 12s	0.3	RL	✓	
6510000583047	Bandage Gauze Kerlix 4.5IN x 4YDS 100s	1	RL	✓	
7240007710945	Basin Wash Steel Corrosion Resist 4.25QT	1	EA	✓	
6515006600011	Blade Surgical Knife Detachable #10 6s	1	EA	✓	
6515006600010	Blade Surgical Knife Detachable #11 6s	1	EA	✓	
6515006600009	Blade Surgical Knife Detachable #12 6s	1	EA		✓
6515006600008	Blade Surgical Knife Detachable #15 6s	1	EA	✓	
6530002998069	Bowl Surgical Sponge Aluminum 3 x 6IN Recessed	1	EA		✓
6530002999608	Drape Surgical General Green 24 x 24IN 6s	0.8	EA	✓	
6515003343800	Forceps Hemo Kelly 5.25-5.75IN LG Slight Curve	2	EA	✓	
6515003346800	Forceps Hemostatic Kelly 5.5IN Straight	2	EA	✓	
6515003379800	Forceps Tissue 5IN LG Tweezer	1	EA	✓	
6515003377800	Forceps Tissue Adson 4.5IN Tweezer Str & Smooth	1	EA	✓	
6510010037697	Gauze Absorbent Iodoform 0.25 x 5YD 12s	0.1	RL		✓
6515011498839	Gloves Surg Gen Surg SZ 6.5 Powder-Free 50PR	1	PR	✓	
6515011498840	Gloves Surg Gen Surg SZ 7.0 Powder-Free 50PR	1	PR		✓
6515011498841	Gloves Surg Gen Surg SZ 7.5 Powder-Free 50PR	1	PR	✓	
6515011498842	Gloves Surg Gen Surg SZ 8.0 Powder-Free 50PR	1	PR	✓	
4240001906432	Goggles Industrial Plastic Lens D2 Frame	1	PR		✓
6515003447800	Handle Surg Knife Blade SZ 3 Narrow Nose	1	EA	✓	
6515003417200	Holder Suture Needle Collier 5IN Straight	1	EA	✓	
6515002998736	Holder Suture Needle Hegar-Mayo 6IN LG	1	EA	✓	

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
6515009827493	Mask Surgical Non-sterile Nonwoven Fabric 50s	1	EA	✓	
6510010100307	Pad Povidone-Iodine Impreg 1 x 2IN Brown 100s	1	EA	✓	
6505007540374	Povidone-Iodine Topical Solution 1% 1GL	0.5	OZ	✓	
6515011190018	Probe General Operating Bulbous Tip 5IN LG	1	EA	✓	
6515003651820	Scissors Gen Surg 5.50IN LG One Blunt	1	EA	✓	
6515003644800	Scissors Iris 4IN Straight Finger Ring	1	EA	✓	
6505002999672	Silver Nitrate Applicators 6IN 100s	2	EA	✓	
6510000547254	Skin Closure Adh Surg Porous .50 x 4in 300s	4	EA	✓	
6510000547255	Skin Closure Adhesive Surg .25 x 4IN 500s	4	EA	✓	
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	10	EA		✓
6510001161311	Sponge Surg Gauze White 4 x 4IN 128 Trays 1280s	1	CO		✓
6530007081590	Stand Surg 62 x 17 x 20IN Adj Auto Lock Casters	1	EA		✓
6515011432880	Suture Abs SZ 2-0 GI 27IN Vicryl Taper 36s	1	EA	✓	
6515007281172	Suture Abs SZ 3-0 27IN LG Ndl Gut 36s	2	EA	✓	
6515013575518	Suture Abs SZ 3-0 Sutupak 18IN LG Vicryl 24s	2	EA	✓	
6515008237842	Suture Abs Sz4-0 Ophth Dbl Arm 1.5IN LG 12s	2	EA	✓	
6515009608192	Suture Nonabs SZ 3-0 18IN LG Ndl Nylon 36s	2	EA	✓	
6515007344342	Suture Nonabs SZ 4-0 Nylon Cutting Ndl 36s	2	EA	✓	
6515012127418	Suture Nonabs SZ 5-0 Sgl Armed Nylon Mono 36s	2	EA	✓	
6515001872682	Suture Nonabs SZ 6-0 18IN LG Ndl Nylon 36s	2	EA	✓	
6510009268883	Tape Adhesive Surg Woven 2IN x 10YD 6s	0.2	RL	✓	
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.2	RL	✓	
7210002999610	Towel Hand Cotton Grn/Gray Nondisp 36 x 17IN 1s	2	EA	✓	
6530007939570	Tray Instrument Steel 19 x 12 x .75in	1	EA		✓
6515013851697	Tube Drainage Surg Penrose 7/8 x 12IN 200s	1	EA	✓	
TASK 110: TEST VISION					
6540005988075	Chart Set Vision Acuity Test Clinical Screen	1	SE		✓
6540005988078	Chart Set Vision Acuity Test Distance Vision	1	SE		✓
6515005988077	Chart Set Vision Acuity Testing Near Vision	1	SE		✓
6505010604306	Phenylephrine HCL Ophthalmic Sol 10% 5ML 12s	1	ML		✓
TASK 121: EYE IRRIGATION					
6530007709220	Basin Emesis Steel Kidney Shape 500ML	1	EA	✓	
6515013773836	Extension Set IV 30IN w/Roller Clamp 48s	1	EA	✓	
6505014623025	Ringer's Injection Lactated 1000ML Bag 12s	1	EA	✓	
6505013308926	Sodium Chloride Irrigant 0.9% 1000ML BT 16s	0.5	EA	✓	
6510007822698	Sponge Surg 8-Ply Gauze White 4 x 4IN 200s	10	EA	✓	
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	10	EA		✓
TASK 123: EYE CARE (DRESSINGS/EYE PATCH)					
6515012346838	Applicator Disposable Squared Off Tip 100s	2	EA	✓	
6510007822698	Sponge Surg 8-Ply Gauze White 4 x 4IN 200s	2	EA	✓	
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	4	EA		✓
6510009268883	Tape Adhesive Surg Woven 2IN x 10YD 6s	0.1	RL	✓	
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.1	RL	✓	
TASK 124: EAR CARE IRRIGATION					
6530007709220	Basin Emesis Steel Kidney Shape 500ML	1	EA	✓	

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
6510007822698	Sponge Surg 8-Ply Gauze White 4 x 4IN 200s	10	EA	✓	
6515014570288	Syringe Irrigating 60ML Luer Plastic Disposable 120s	1	EA	✓	
TASK 125:	SPONGE/HYPERTHERMIA TREATMENT				
6530007706425	Bag Hot Water-Ice	2	EA	✓	
6530007710225	Basin Wash 14IN Diameter x 5IN High Steel	1	EA		✓
6530010611825	Pad Hot-Cold Treatment Circulating 15 x 12IN115	1	EA		✓
6530007081000	Stand Basin Double 33 x 12 x 30IN	1	EA		✓
7210002999610	Towel Hand Cotton Grn/Gray Nondisp 36 x 17IN 1s	4	EA	✓	
6530013472340	Towel Pack Surg Sterile Highly Abs Blue 20s	2	EA		✓
TASK 126:	SEIZURE CARE/PRECAUTIONS				
6510000583047	Bandage Gauze Kerlix 4.5IN x 4YDS 100s	3	RL	✓	
6510009268883	Tape Adhesive Surg Woven 2IN x 10YD 6s	0.1	RL	✓	
TASK 127:	PATIENT RESTRAINT (GAUZE, MITTS, TIES)				
6510000583047	Bandage Gauze Kerlix 4.5IN x 4YDS 100s	3	RL	✓	
6530007884010	Restraint Set Wrist/Ankle w/Carrying Case	1	SE		✓
TASK 128:	PATIENT RESTRAINT (COMBATIVE PATIENT)				
6505001375891	Diazepam INJ 5MG/ML 2ML Syringe w/Ndl 10s	1	EA	✓	
6530007884010	Restraint Set Wrist/Ankle w/Carrying Case	1	SE		✓
TASK 145:	ADMINISTER APPROPRIATE MEDICATION ^{1, 2}				
6505010767866	Acetaminophen Suppositories 650MG Adult 12s	2	EA	✓	
6505009857301	Acetaminophen Tablets .325GM 1000 Tabs	6-24	TB	✓	
6505007822688	Acetylcysteine Solution USP 20% 30CC BT 3/Pg	90	CC	✓	
6505013419964	Acyclovir Tablets 800MG 100 Tablets Per BT	50	TB	✓	
6505011169245	Albuterol Inhalation 17GM 200 Sprays	1	CO	✓	
6505012580960	Albuterol Inhalation Solution .83MG/ML 3ML	6-12	ML		✓
6505014113154	Alumina Magnesia & Simethicone SUSP 5 OZ 12s	5	OZ	✓	
6505008901633	Aluminum Acetate Tab For Topical Sol 100s	5	TB	✓	
6505014731770	Aluminum Magnesium Tabs 100s	12-	TB	✓	
6505011166013	Amoxicillin Capsules USP 250MG 500 Capsules	12-	CP	✓	
6505014437055	Ampicillin Sodium Sterile Powder Form 1GM 10s	1-2	GM	✓	
6505005985830	Antipyrine & Benzocaine Otic Solution 10ML BT	10	ML	✓	
6505001538750	Aspirin Tabs .32GM (Acls Protocol Only) 1000s	2	TB	✓	
6505014491635	Azithromycin Tablets 250MG 30s	2-7	TB	✓	
6505014359289	Beclomethasone Dipropionate Nasal Spray BT 1s	1	BT		✓
6505014213787	Benzocaine Menth Cetylpyrd Lozenges 648s	12	Lz	✓	
6505006601798	Benzonatate Capsules USP 100MG 100s	28	CP	✓	
6505010622136	Benzoyl Peroxide Gel USP 10% 3OZ Tube	1	TU	✓	
6505001182759	Bisacodyl Tablets USP 5MG 100 Tabs/BX	6	TB	✓	
6505012448010	Bismuth Subsalicylate Tablets 262MG 42s	10-	TB	✓	
6505006874534	Calamine Lotion USP 4OZ or 118ML	1	BT	✓	
6505011841250	Carbamide Peroxide Otic Solution 0.5FL OZ BT	0.3	OZ	✓	
6505014802501	Cefazolin Injection 1GM Vial 25s	1	VI	✓	
6505011046393	Cefoxitin Sodium 2GM Vial 25s	1	VI		✓
6505012192760	Ceftriaxone Sodium 1GM Vial 10s	1	GM	✓	

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
TASK 145:	ADMINISTER APPROPRIATE MEDICATION ^{1, 2} (cont.)				
6505001656545	Cephalexin Capsules USP Equiv To 250MG 100/BT	12-	CP	✓	
6505007540280	Chloramphenicol Sodium Succinate 1GM Vial 10s	1	VI	✓	
6505013334154	Ciprofloxacin Tablets USP 500MG 100 Tabs	1-28	TB	✓	
6505011875540	Clindamycin Phosphate Injection 6ML VI 25s	1	VI		✓
6505004002054	Codeine Phosphate & Acetaminophen 100 Tab	2-12	TB	✓	
6505010628010	Cyclobenzaprine Hydrochloride Tabs 10MG 100s	12-	TB	✓	
6505009635355	Dexamethasone Sod Phos INJ 4MG/ML 5cc	2-5	CC	✓	
6505001394460	Dextrose INJ USP 50% 50ML Cartridge 10/Bx	1	EA	✓	
6505001375891	Diazepam INJ 5MG/ML 2ML Syringe w/Ndl 10s	1	EA	✓	
6505010985802	Diazepam Tab 5MG Individually Sealed 100s	2-6	TB	✓	
6505003697289	Dicloxacillin Sodium Caps 250MG 100s	10-	CP	✓	
6505012592914	Diltiazem Hydrochloride Tablets 120MG 100 Tab	6-	TB	✓	
6505001168350	Diphenhydramine HCL Capsules 50MG 100s	2-4	CP	✓	
6505001487177	Diphenhydramine HCL INJ 50MG/ML 1ML Syr 10s	1	EA	✓	
6505000095063	Doxycycline Hyclate Caps 100MG 500s	14-	CP	✓	
6505007341026	Epinephrine INJ USP 1MG/ML 1ML Ampul 10s	1-2	EA	✓	
6505012935593	Erythromycin Lactobionate For Injection USP 1	3	GM		✓
6505009820288	Erythromycin Ophth Oint 5MG/GM 3.5GM Tube	1	TU	✓	
6505011134758	Erythromycin Tablets USP 250 MG 40s	12-	TB	✓	
6505014432356	Fexofenadine Hydrochloride Caps 60MG 100s	3-10	CP	✓	
6505013953039	Fluconazole Tablets 150MG 12s	1	TB		✓
6505013548591	Flumazenil Injection 0.1MG/ML 10ML Vial 10 Vi	0.04	VI		✓
6505001490160	Fluocinonide Cream USP .05% 15GM Tube	1	TU		✓
6505014107226	Fluticasone Propionate Nasal Spray 16GM 1s	1	EA		✓
6505011575117	Furosemide Injection 10MG/ML 2ML Amp 25s	2	Am	✓	
6505012139514	Gentamicin Injection 40MG/ML 2ML VI 25s	1	VI	✓	
6505010222646	Gentamicin Sulf Ophth Sol 3MG/ML 5ML	5	ML		✓
6505010670807	Globulin Rabies Immune 10 Doses 150 Unit/ML	10	ML	✓	
6505014070381	Griseofulvin Tablets 125MG 100s	24	TB		✓
6505013296484	Guaifenesin & Dextromethorphan Tabs 100s	10-	TB	✓	
6505013480278	Guaifenesin & Pseudoephedrine Tabs 100s	12	TB	✓	
6505002688530	Haloperidol INJ USP 5MG/ML 1ML Ampul 10s	1-2	Am	✓	
6505013313039	Heparin Sodium Injection USP 2ML Vial 25 Vials	0.5-	VI		✓
6505006895532	Homatropine Hydrobromide Ophthalmic Solution	0.3	ML		✓
6505008897929	Hydrochlorothiazide Tablets USP 50MG 1000s	100	TB	✓	
6505012816758	Hydrocortisone & Pramoxine Cream 100Z	1	TU	✓	
6505009262095	Hydrocortisone Cream USP 1% 1OZ Tube 1s	1	TU	✓	
6505010939901	Hydrocortisone Valerate Cream 0.2% 15GM Tube	1	TU		✓
6505000521367	Hydroxyzine Hydrochloride INJ USP 50MG/ML 10	1	VI		✓
6505005799717	Hydroxyzine Hydrochloride Tablets 25MG 50s	6-18	TB	✓	
6505012149062	Ibuprofen Tablets USP 800 MG 500s	4-24	TB	✓	
6505012154825	Insulin Human INJ Modified 100un/ML 10ML Vi	100	Un	✓	
6505005900470	Isometheptene Acetam & Dichlor Caps 50s	12	CP	✓	
6505012729401	Ketoconazole Cream 2% 15GM Tube	1	TU	✓	
6505014517338	Ketorolac INJ 30MG/ML 2ML Cartridge/Ndl 1s	1-2	EA	✓	
6505014446632	Levofloxacin Tablets 500 MG 50 Tablets Per Bo	7-10	TB	✓	
6505000636197	Lidocaine HCL Topical Solution 100ML BT 1s	1	BT		✓
6505012750061	Lisinopril Tablets 10MG 100 Tabs Per BT	2-	TB		✓
6505010666568	Loperamide HCL Caps 2MG 100s	2-6	CP	✓	

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
TASK 145	ADMINISTER APPROPRIATE MEDICATION^{1, 2} (cont.)				
6505013771432	Loratadine Tablets 10MG 100 Tablets Per BT	2-20	TB	✓	
6505011253253	Mannitol Injection 25% 250MG/ML 50ML Vial 25s	1-2	VI		✓
6505013881364	Mebendazole Tablets USP 100MG 12 Tabs	6	TB	✓	
6505009262111	Meclizine HCLtablets Chewable 25MG 100s	25	TB	✓	
6505013151275	Mefloquine Hydrochloride Tabs 250MG 25s	5	TB		✓
6505008556984	Meperidine HCL INJ 100MG/ML 1ML Cart-Ndl 10s	1-2	EA		✓
6505012850165	Methylcellulose 2GM Powder Orange Flav 16oz	1	BT	✓	
6505012321987	Methylprednisolone Sodium INJ 2GM 50ML VI 1s	1	VI	✓	
6505011080809	Methylprednisolone Sodium Succ INJ 125MG 1s	1	VI	✓	
6505011394931	Metronidazole Injection 5MG/ML 100ML 24s	1	EA	✓	
6505012444736	Midazolam HCL INJ 5MG/ML 1ML Vial 10s	5	MG		✓
6505001490113	Morphine Sulf INJ 10MG 1ML Cart-Ndl 10s	1	EA	✓	
6505014341714	Mupirocin Ointment 1 Gram Tube 10 Per Package	1	TU		✓
6505011159852	Nalbuphine HCL Injection 10MG/ML 1ML Amp 10s	1	Am		✓
6505000797867	Naloxone HCL INJ USP .4MG/ML 1ML Amp 10s	1	Am	✓	
6505011555157	Naproxen Sodium Tablets USP 275MG 100 Tablets	6-24	TB	✓	
6505010430230	Neomycin Polymy Hydrocort Otic SUSP 10ML	4	ML	✓	
6505011263842	Nifedipine Capsules USP 10MG 100 Caps	100	CP		✓
6505010083401	Nitroglycerin Ointment 2% 60GM Tube	4	GM		✓
6505006873663	Nitroglycerin Tablets USP .4MG 100/BT	3	TB	✓	
6505012109506	Nystatin & Triamcinolone Acetonide Cream 15GM	1	TU		✓
6505008902013	Nystatin Cream USP 100000units/GM 15GM Tube	1	TU		✓
6505012104450	Oxycodone Hydrochloride And Acetaminophen 100s	4-6	CP		✓
6505008694177	Oxymetazoline HCL Nasal Sol .05% 15ML BT 1s	15	ML	✓	
6505001334447	Penicillin G Benz SUSP 6000000 Un/ML 2ML 10s	4	ML	✓	
6505008902172	Penicillin G Potassium For INJ 20000000 Units	.3-.8	BT		✓
6505001178579	Penicillin V Potassium Tablets 400000unit 40s	28	TB	✓	
6505013218812	Permethrin Cream 60GM Tube	1	TU	✓	
6505012564972	Permethrin Cream Rinse 0.1% 2 OZ Plastic BT	1	EA	✓	
6505001388461	Phenazopyridine HCL Tablets 100MG 100s	24	TB	✓	
6505013329024	Phenytoin Sodium INJ 50MG/ML 5ML VI 25s	1	VI	✓	
6505013384710	Podofilox Topical Solution 3.5ML Bottle	0.5	ML	✓	
6505009617486	Polyvinyl Alcohol Ophth Sol 1.4% 15ML BT 1s	1	BT	✓	
6505010785245	Potassium Bicarb & Potassium Chl Oral Sol 30s	1	EA		✓
6505010801988	Potassium Chlor Concentrate INJ 20ML VI 25s	1	VI		✓
6505011460539	Prednisone Tablets USP 10MG 500 Tabs	10-	TB	✓	
6505013482465	Primaquine Phosphate Tablets 15 MG 100s	14	TB		✓
6505006807352	Promethazine HCL INJ 25MG/ML 1m Amp 25s	1	Am	✓	
6505000654214	Promethazine HCL Suppositories 25MG 12s	1	EA	✓	
6505013648557	Promethazine Hydrochloride Tablets 25MG 100s	4-12	TB	✓	
6505007539902	Proparacaine HCL Ophthalmic Sol 0.5% 15ML	0.5	ML	✓	
6505001067399	Propranolol Hydrochloride Tablets 40MG 100s	4-	TB		✓
6505004005015	Protamine Sulfate INJ USP 10MG/ML 25ML Vial	50	MG		✓
6505014737775	Pseudoephedrine HCL 60MG Tabs 100s	4-24	TB	✓	
6505010916063	Rabies Vaccine Human Diploid Cell Strain Lyop	5	VI	✓	
6505012859011	Ranitidine Injection USP 25MG/ML 40ML Vial	100	MG		✓
6505011607702	Ranitidine Tablets USP 150MG 60 Tabs	10-	TB	✓	
6505002998671	Selenium Sulfide Lotion 2.5% Topical 118ML BT	1	BT	✓	
6505002165370	Sodium Bicarb 8.4% Syr/Ndl 1MEQ/ML 50ML 10s	10	EA		✓

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
TASK 145:	ADMINISTER APPROPRIATE MEDICATION ^{1, 2} (cont.)				
6505014622432	Sodium Chloride Injection 0.9% 250 ML Bag 36s	1	EA	✓	
6505013308926	Sodium Chloride Irrigant 0.9% 1000ML BT 16s	1	EA	✓	
6505006198215	Sodium Phosphates Enema Unit 4.5OZ 1s	1	EA	✓	
6505001839419	Sulfacetamide Sod Ophthal Ointment 10% 3.5GM	1	TU	✓	
6505005607331	Sulfadiazine Silver Cream 1% Top 400GM JR	50	GM	✓	
6505010161470	Sulfamethoxazole & Trimethoprim Tabs 100s	6-24	TB	✓	
6505002998296	Tetanus & Diphtheria Toxoids Adult 5ML VI	1	ML	✓	
6505009355835	Thiabendazole Oral SUSP 0.5GM/L 120ML BT	6	GM		✓
6505012380362	Thiamine HCL Injection 100MG/ML 1ML VI 25s	35	MG		✓
6505014629897	Tretinoin Cream 0.01% 20GM Tube 24 Tubes	1	TU	✓	
6505014584666	Tretinoin Cream 0.05% 20GM Tube 24 Tubes	1	TU	✓	
6505006828194	Triamcinolone Acetonide Cream 0.1% 15GM 1s	1	TU	✓	
6505011428314	Trifluridine Ophthalmic Solution 1% 7.5ML BT	1	ML	✓	
6505010083054	Undecylenic & Zinc Undecylenate Powder 4GM	1	CO	✓	
6505005434048	Water For INJ Sterile USP 5ML Ampul 25/Bx	1-2	Am	✓	
6515012346838	Applicator Disposable Squared Off Tip 100s	2	EA	✓	
6510005977469	Bandage Adhesive Flesh/Clear 3IN 100s	1-2	EA	✓	
6515013373681	Catheter & Needle Unit IV 18GA x 1.25IN w/Ndl Guard	1	EA	✓	
6515013373682	Catheter & Needle Unit IV 20GA x 1.25IN w/Ndl Guard	1	EA	✓	
6515003220770	Curette Ear Billeau Med SZ Fenestrated Oval	1	EA	✓	
6515003245500	Depressor Tongue Wood 6 x .75IN Straight 100s	2	EA	✓	
8105010990355	Envelope Drug Dispensing 5 x 3IN Frosted 1000s	1	EA	✓	
6515013448487	Injector Tube Reusable 1ML & 2ML Ndl Units	1	EA	✓	
6515001181341	Intravenous INJ Set Vented 60 Drops/ML 48s	1	EA	✓	
6515012671490	Nebulizer Meds Compressed Air Line Disposable 50s	1	EA		✓
6515007542834	Needle Hypo Gp 18GA 1.5IN LG Luer Lock 100s	1	EA	✓	
6515007542838	Needle Hypod21GA 1.1IN LG Luer Lock 100s	1	EA	✓	
6510007863736	Pad Prep Isopropyl Alcohol Impregnated 1 x 2.5IN 100s	1	EA	✓	
6515013648148	Regulator Flow Rate IV Injection Set One-Way	1	EA		✓
6510011202643	Salicylic Acid 40% Plaster 60% Base 5 x 7CM 25s	2	EA		✓
6515001491206	Syringe & Needle Hypo 23GA 1 IN Ndl 3ML 100s	1	EA	✓	
6515009824205	Syringe & Needle Tuberculin 1ML 25GA 100s	1	EA	✓	
6515007540412	Syringe Hypo Gp 10ML Cap Luer Slip 100s	1	EA	✓	
6515014123101	Syringe Hypodermic 20ML 40s	1	EA	✓	
TASK 201:	PREPARATION OF PATIENT AREA				
6530011190015	Pad Bed Linen Protective Plastic Disposable 300s	1	EA		✓
TASK 202:	ADMIT NEW PATIENT TO WARD				
6532000811804	Coat Mens Pajama Collarless Cotton Lrg Blue	0.4	EA		✓
6532000811802	Coat Mens Pajama Collarless Cotton Med Blue	0.6	EA		✓
6530007053075	Cradle Hospital Bed Clothing Steel Arch 3hoop	1	EA		✓
6530011157835	Holder Clinical Chart 12 x 9IN Aluminum 24s	1	EA		✓
6532000811680	Trousers Mens Pajama Cotton/Poly Large Green	0.4	EA		✓
6532000811666	Trousers Mens Pajama Cotton/Poly Medium Green	0.6	EA		✓
TASK 221:	PERICARDIOCENTESIS				
6530007709220	Basin Emesis Steel Kidney Shape 500ML	1	EA	✓	

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
6515013365874	Catheter & Needle Unit IV 16GA x 1.25IN 200s	1	EA	✓	
6515013648553	Glove Patient E x am/Treat Med Prepowdered 100s	2	EA	✓	
6515011498839	Gloves Surg Gen Surg SZ 6.5 Powder-Free 50PR	1	PR	✓	
6515011498840	Gloves Surg Gen Surg SZ 7.0 Powder-Free 50PR	1	PR		✓
6515011498841	Gloves Surg Gen Surg SZ 7.5 Powder-Free 50PR	1	PR	✓	
6515011498842	Gloves Surg Gen Surg SZ 8.0 Powder-Free 50PR	1	PR	✓	
6515002091197	Needle Hypo Spinal 3.5IN 15GA Disposable 10s	1	EA		✓
6510010100307	Pad Povidone-Iodine Impreg 1 x 2IN Brown 100s	1	EA	✓	
6510007822698	Sponge Surg 8-Ply Gauze White 4 x 4IN 200s	15	EA	✓	
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	4	EA		✓
6515010357962	Stopcock Intravenous Therapy 3 Way Plastic 50s	1	EA	✓	
6515014123101	Syringe Hypodermic 20ML 40s	3	EA	✓	
6510009268883	Tape Adhesive Surg Woven 2IN x 10YD 6s	0.1	RL	✓	
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.1	RL	✓	
TASK 254:	APPLY ANTI-EMBOLISM STOCKINGS				
6510002040000	Stockinet Surg 25 YD x 6IN Cotton Yarn White	1	YD		✓
6510002039000	Stockinet Surg 25YD x 3IN Cotton Yarn White/Nat	1	YD		✓
TASK 358:	TRACHEOSTOMY				
6515012346838	Applicator Disposable Squared Off Tip 100s	2	EA	✓	
6505001596625	Bacitracin Ointment .5OZ Tube 12s	1	TU	✓	
6510000583047	Bandage Gauze Kerlix 4.5IN x 4YDS 100s	1	RL	✓	
7240007710945	Basin Wash Steel Corrosion Resist 4.25QT	1	EA	✓	
6515006600011	Blade Surgical Knife Detachable #10 6s	1	EA	✓	
6515006600010	Blade Surgical Knife Detachable #11 6s	1	EA	✓	
6515006600009	Blade Surgical Knife Detachable #12 6s	1	EA		✓
6515006600008	Blade Surgical Knife Detachable #15 6s	1	EA	✓	
6530002998069	Bowl Surgical Sponge Aluminum 3 x 6IN Recessed	1	EA		✓
6515009140250	Cannula Kit Tracheostomy Size 8 Nylon	0.2	EA		✓
6515009140245	Cannula Tracheostomy SZ 4 With Integral 15MM	0.1	EA		✓
6515009140248	Cannula Tracheostomy SZ 6 With Integral 15MM	0.4	EA		✓
6515009140249	Cannula Tracheostomy SZ 7 With Integral 15MM	0.4	EA		✓
6515003254400	Dilator Tracheal Trousseau 5.5INLG Curved & Smooth	1	EA		✓
6530002999608	Drape Surgical General Green 24 x 24IN 6s	1	EA	✓	
6515003343800	Forceps Hemo Kelly 5.25-5.75IN LG Slight Curve	1	EA	✓	
6515003346800	Forceps Hemostatic Kelly 5.5IN Straight	1	EA	✓	
6515003379800	Forceps Tissue 5IN LG Tweezer	1	EA	✓	
6515003377800	Forceps Tissue Adson 4.5IN Tweezer Str & Smooth	1	EA	✓	
6510010037697	Gauze Absorbent Iodoform 0.25 x 5YD 12s	0.1	EA	✓	
6515011498839	Gloves Surg Gen Surg SZ 6.5 Powder-Free 50PR	1	PR	✓	
6515011498840	Gloves Surg Gen Surg SZ 7.0 Powder-Free 50PR	1	PR		✓
6515011498841	Gloves Surg Gen Surg SZ 7.5 Powder-Free 50PR	1	PR	✓	
6515011498842	Gloves Surg Gen Surg SZ 8.0 Powder-Free 50PR	1	PR	✓	
4240001906432	Goggles Industrial Plastic Lens D2 Frame	1	PR		✓
6515003447800	Handle Surg Knife Blade SZ 3 Narrow Nose	1	EA	✓	
6515003417200	Holder Suture Needle Collier 5IN Straight	1	EA	✓	
6515002998736	Holder Suture Needle Hegar-Mayo 6IN LG	1	EA	✓	
6505001538809	Lubricant Surgical 4OZ (113.4GM) Tube	0.5	OZ	✓	
6515009827493	Mask Surgical Non-sterile Nonwoven Fabric 50s	2	EA	✓	

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
6510010100307	Pad Povidone-Iodine Impreg 1 x 2IN Brown 100s	1	EA	✓	
6505007540374	Povidone-Iodine Topical Solution 1% 1GL	0.5	OZ	✓	
6515003651820	Scissors Gen Surg 5.50IN LG One Blunt	1	EA	✓	
6515003644800	Scissors Iris 4IN Straight Finger Ring	1	EA	✓	
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	4	EA		✓
6510001161311	Sponge Surg Gauze White 4 x 4IN 128 Trays 1280s	1	CO		✓
6530007081590	Stand Surg 62 x 17 x 20IN Adj Auto Lock Casters	1	EA		✓
6530007086975	Stool Straight 18 x 12 x 8IN Diamond Tread	1	EA		✓
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.1	RL	✓	
7210002999610	Towel Hand Cotton Grn/Gray Nondisp 36 x 17IN 1s	2	EA	✓	
6530007939570	Tray Instrument Steel 19 x 12 x .75in	1	EA		✓
TASK 359: INDUCE LOCAL ANESTHESIA					
6505013548591	Flumazenil Injection 0.1MG/ML 10ML Vial 10 Vi	0.04	VI		✓
6505014554200	Lidocaine & Epinephrine INJ 1:100000 20 ML Vi	5	ML	✓	
6505011561797	Lidocaine HCL INJ 1% 5ML 50MG Syr w/Ndl 10s	1	EA		✓
6505005986116	Lidocaine HCL INJ USP 1% 10MG/ML 50ML BT	5	ML	✓	
6505007854357	Lidocaine Ointment USP 5% 35GM	5	GM		✓
6510007863736	Pad Prep Isopropyl Alcohol Impregnated 1 x 2.5IN 100s	2	EA	✓	
6515001491206	Syringe & Needle Hypo 23GA 1 IN Ndl 3ML 100s	2	EA	✓	
TASK 453: CLOSED REDUCTION OF DISLOCATION					
6510001055807	Bandage Elastic Coban Flesh 3IN x 5YD 24s	1	RL	✓	
6505001375891	Diazepam INJ 5MG/ML 2ML Syringe w/Ndl 10s	2	EA	✓	
6515013448487	Injector Tube Reusable 1ML & 2ML Ndl Units	1	EA	✓	
6505001490113	Morphine Sulf INJ 10MG 1ML Cart-Ndl 10s	1	EA	✓	
TASK 467: FASCIOTOMY					
(See Task 108 - Minor Surgical Procedure)					
TASK 739 REDUCE FRACTURE					
6515013448487	Injector Tube Reusable 1ML & 2ML Ndl Units	1	EA	✓	
6505001490113	Morphine Sulf INJ 10MG 1ML Cart-Ndl 10s	1	EA	✓	
6505011159852	Nalbuphine HCL Injection 10MG/ML 1ML Amp 10s	1	Am		✓
6510007863736	Pad Prep Isopropyl Alcohol Impregnated 1 x 2.5IN 100s	2	EA	✓	
TASK 748: ASSEMBLE MATERIAL/CLEANUP					
7240007710945	Basin Wash Steel Corrosion Resist 4.25QT	1	EA	✓	
6530011832863	Container Dispose Hypo Ndl & Syr 6.9QT 12s	0.1	EA	✓	
6840005261129	Disinfectant-Detergent Gp Iodine 1GL	0.1	GI	✓	
7240007730975	Pail Utility Surgical Operating Room 12QT	1	EA		✓
6510007822698	Sponge Surg 8-Ply Gauze White 4 x 4IN 200s	10	EA	✓	
7210002999610	Towel Hand Cotton Grn/Gray Nondisp 36 x 17IN 1s	2	EA	✓	
TASK 753: ISSUE CRUTCHES					
6515007777325	Crutches 48-59IN LG Wood Varnished Adjustable	1	PR		✓
6515007777340	Cushion Crutch Sponge Rubber 8 x 1.5IN 6IN Op	1	PR		✓
6515010133911	Tip Cane & Crutch Rubber 12s	1	PR		✓

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
TASK 999:	MORGUE CARE				
9930013316244	Pouch Human Remains	1	EA	✓	
TASK A12:	OCCLUDE SUCKING CHEST WOUND				
6510014081920	Dressing Chest Wound Seal Asherman 10s	1	EA		✓
TASK A30:	WET/COLD INJURY THERAPY				
6530007706425	Bag Hot Water-Ice	2	EA	✓	
7210009356666	Blanket Casualty Plastic Film & Aluminum 95 x 56IN	1	EA		✓
6530010611825	Pad Hot-Cold Treatment Circulating 15 x 12IN115	1	EA		✓
7210002999610	Towel Hand Cotton Grn/Gray Nondisp 36 x 17IN 1s	1	EA	✓	
TASK Z027:	CARDIO ARREST RESUSCITATION				
6505013809548	Adenosine INJ 3MG/ML 2ML Single Dose Vial 10s	12	MG		✓
6505007542547	Atropine Sulfate INJ .4MG/ML 20ML Vial	2	MG		✓
6505010946196	Atropine Sulfate INJ 0.1MG/CC 10ML BT 10s	2	MG		✓
6505014752156	Bretylum Tosylate 50MG/ML 10ML Syr/Ndl 10s	2.5	EA		✓
6505005317761	Digoxin INJ USP .25MG/ML 2ML Ampul 10/Pg	2	Am		✓
6505012394660	Dobutamine HCL Injection 250MG 20ML Vial 1s	2	VI		✓
6505011494089	Dopamine HCL INJ 40MG/ML 5ML Vial 25s	2	VI		✓
6505010932384	Epinephrine INJ 0.1MG/ML Syr/Ndl 10ML 10s	2	EA		✓
6505010461894	Isoproterenol HCL INJ Syr-Ndl Unit 10ML 10s	1	EA		✓
6505003343461	Lidocaine Hydrochloride INJ 40MG/ML 50ML	20	ML		✓
6505013018175	Magnesium Sulfate Injection USP 2ML Ampul 25	1	Am		✓
6505001490113	Morphine Sulf INJ 10MG 1ML Cart-Ndl 10s	1	EA	✓	
6505010083401	Nitroglycerin Ointment 2% 60GM Tube	7.5	GM		✓
6505011533842	Procainamide Hydrochloride Injection USP 500m	750	MG		✓
6505004005015	Protamine Sulfate INJ USP 10MG/ML 25ML Vial	50	MG		✓
6505002165370	Sodium Bicarb 8.4% Syr/Ndl 1MEQ/ML 50ML 10s	2	EA		✓
6505014622432	Sodium Chloride Injection 0.9% 250 ML Bag 36s	2	EA	✓	
6505011313855	Verapamil HCL Injection 2.5MG/ML 2ML Amp 1s	10	MG		✓
6515014811257	Defibrillator Automated External w/Recorder	1	EA	✓	
6515014419725	Defibrillator/Monitor-Recorder System Zoll	1	EA		✓
6515013958729	Electrocardiograph Stand Alone Multi-Channel	1	EA		✓
6515011535752	Electrode EKG Pregelled 4.4CM 25s	12	EA		✓
6515010858035	Electrode Gel Electromedical Blue 250GM Tube 12s	10	GM		✓
6515013780541	Infusion Pump Ivac 570 110V 50/60HZ AC Genera	1	EA		✓
6515013448487	Injector Tube Reusable 1ML & 2ML Ndl Units	1	EA	✓	
6515007542834	Needle Hypo Gp 18GA 1.5IN LG Luer Lock 100s	9	EA	✓	
6510007863736	Pad Prep Isopropyl Alcohol Impregnated 1 x 2.5IN 100s	10	EA	✓	
6515011397845	Paper EKG Recording 100FT x 50MM Lt Green Backgr	2	Ft		✓
6515013648148	Regulator Flow Rate IV Injection Set One-Way	1	EA		✓
6515001491206	Syringe & Needle Hypo 23GA 1 IN Ndl 3ML 100s	10	EA	✓	
6515009824205	Syringe & Needle Tuberculin 1ML 25GA 100s	7	EA	✓	
6515007540412	Syringe Hypo Gp 10ML Cap Luer Slip 100s	9	EA	✓	

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
TASK Z030:	ELECTRONIC MONITORING OF PATIENT VITAL SIGNS				
6515011535752	Electrode EKG Pregelled 4.4CM 25s	3	EA		√
6515014322707	Monitor Patient Vital Signs Propaq	1	EA		√
6515014810939	Paper Electrocardiograph 2.47IN x 150FT LG 10s	2.5	Ft		
TASK Z037:	BVM SETUP				
6515010617812	Resuscitator Hand Operated Positive Pressure	1	EA	√	
TASK Z042:	INSERT CHEST TUBE				
6515013108335	Catheterization Kit Pneumothorax 9FR Catheter	1	EA		√
6515003343800	Forceps Hemo Kelly 5.25-5.75IN LG Slight Curve	1	EA	√	
6515003346800	Forceps Hemostatic Kelly 5.5IN Straight	1	EA	√	
6515011498839	Gloves Surg Gen Surg SZ 6.5 Powder-Free 50PR	1	PR	√	
6515011498840	Gloves Surg Gen Surg SZ 7.0 Powder-Free 50PR	1	PR		√
6515011498841	Gloves Surg Gen Surg SZ 7.5 Powder-Free 50PR	1	PR	√	
6515011498842	Gloves Surg Gen Surg SZ 8.0 Powder-Free 50PR	1	PR	√	
4240001906432	Goggles Industrial Plastic Lens D2 Frame	1	PR		√
6515002998736	Holder Suture Needle Hegar-Mayo 6IN LG	1	EA	√	
6505001538809	Lubricant Surgical 4OZ (113.4GM) Tube	0.2	OZ	√	
6510010100307	Pad Povidone-Iodine Impreg 1 x 2IN Brown 100s	1	EA	√	
6505007540374	Povidone-Iodine Topical Solution 1% 1GL	0.5	OZ	√	
6515003651820	Scissors Gen Surg 5.50IN LG One Blunt	1	EA	√	
6510007822698	Sponge Surg 8-Ply Gauze White 4 x 4IN 200s	10	EA	√	
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	4	EA		√
6530007081590	Stand Surg 62 x 17 x 20IN Adj Auto Lock Casters	1	EA		√
6515009608192	Suture Nonabs SZ 3-0 18IN LG Ndl Nylon 36s	1	EA	√	
6510009268883	Tape Adhesive Surg Woven 2IN x 10YD 6s	0.3	RL	√	
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.2	RL	√	
7210002999610	Towel Hand Cotton Grn/Gray Nondisp 36 x 17IN 1s	1	EA	√	
6530007939570	Tray Instrument Steel 19 x 12 x .75in	1	EA		√
TASK Z045:	CHANGE DRAINAGE BOTTLES (GASTRIC/CHEST)				
6515010587450	Drainage Unit Pleural Cavity Plastic Water-Seal 6s	1	EA		√
TASK Z083:	EXPOSE PATIENT FOR EXAM				
6515003634150	Blade Finger Ring Saw Steel Carbon 1s	1	EA	√	
6515003634100	Saw Finger Ring .75IN Blade 6IN Dia	1	EA	√	
6515009357138	Scissors Bandage 7.25IN Angle To Hd	1	EA	√	
TASK Z094:	EXTREMITY TRACTION, APPLICATION/ADJUST				
6515012508936	Splint Traction-Extraction Adult Aluminum	1	EA	√	
TASK Z277:	PREPARE FOR MEDEVAC				
6530011870104	Litter Sea-Air Rescue Medical Evac Metal	1	EA	√	
1670012265300	Sling Rescue Helicopter	1	EA		√

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
TASK Z571:	ANOSCOPY/PROCTOSCOPY				
6515003026020	Anoscope Cylindrical Solid Tube Size 1 Medium	1	EA		✓
6505001538809	Lubricant Surgical 4OZ (113.4GM) Tube	0.3	OZ	✓	
TASK Z741:	REMOVE CAST/SPLINT				
6515003234510	Cutter Orthopedic Cast Stryker 10INLG 115V 60HZ	1	EA		✓
6515003668200	Shears Plaster Cast Cutting Hand Stille 15IN L	1	EA		✓
TASK ZZ02:	STAIN EYES (FLUOROSCEIN STAIN/WOODS UV LAMP)				
6505011591493	Fluorescein Sodium Ophthalmic Strips 300s	2	EA	✓	
6530004808286	Light Diagnostic Examination Burton Type Hand	1	EA	✓	
6505009617486	Polyvinyl Alcohol Ophth Sol 1.4% 15ML BT 1s	0.3	BT	✓	
6505007539902	Proparacaine Hydrochloride Ophthalmic Solution	0.5	ML	✓	
TASK ZZ03:	NEEDLE THORACOSTOMY				
6515013365874	Catheter & Needle Unit IV 16GA x 1.25IN 200s	2	EA	✓	
6510010100307	Pad Povidone-Iodine Impreg 1 x 2IN Brown 100s	2	EA	✓	
6510007863736	Pad Prep Isopropyl Alcohol Impregnated 1 x 2.5IN 100s	2	EA	✓	
6510007822698	Sponge Surg 8-Ply Gauze White 4 x 4IN 200s	4	EA	✓	
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	2	EA		✓
6515014123101	Syringe Hypodermic 20ML 40s	3	EA	✓	
TASK ZZ16:	REPAIR EYEGLASSES				
5120002888739	Screwdriver Set Jeweler's 6 Components	1	EA		✓
TASK ZZ18:	CLEAN AND STERILIZE INSTRUMENTS				
7240007710945	Basin Wash Steel Corrosion Resist 4.25QT	1	EA	✓	
6530013765157	Envelope Sterilization Fold 3 x 8IN Plastic 500s	1	EA		✓
6530000797039	Indicator Sterilization Steam 250s	2	EA		✓
3540002999811	Sealing Machine Heat Poly Wrap or Bags	1	EA		✓
6530013408001	Sterilizer Surg Instr Dress AC 115 To 230 V E	1	EA		✓
6530012422337	Tape Sealing Sterilization I x 2160IN 9s	12	IN	✓	
7210002999610	Towel Hand Cotton Grn/Gray Nondisp 36 x 17IN 1s	2	EA	✓	
6530001047531	Tubing Sterilization Nylon 12 Inches Wide Fla	12	IN		✓
6530001047532	Tubing Sterilization Nylon 18 Inches Wide Fla	12	IN		✓
6530001056794	Tubing Sterilization Nylon 8 Inches Wide Flat	12	IN		✓
6530001276612	Wrapper Sterilization Fabric 24 x 24IN 500s	1	EA	✓	
6530010360398	Wrapper Sterilization Nonwoven Fabric 36 x 36IN Blue	1	EA		✓
TASK ZZ27:	BASIC EXAMINATION AREA SETUP				
6530007065100	Light Floor Operating & Exam 115 Volt AC/DC	1	EA		✓
6515009268936	Light Head Diagnostic Iplain&Ipeep Hole Mirror	1	EA		✓
6530013215587	Light Surgical Ceiling Heat Filtered	1	EA		✓
6520010824897	Magnifier Dental Laboratory Binocular Headband	1	EA		✓
6530011190015	Pad Bed Linen Protective Plastic Disposable 300s	1	EA		✓
6530010923914	Paper Sheeting Exam Table 17IN WI x 125IN LG	10	Ft		✓
6670007889000	Scale Weighing Exam 300LB Green Enamel Finish	1	EA		✓
6530007088000	Stool Revolving Surgeons Corrosion Resisting	1	EA		✓

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6530013519319	Table Exam/Treat Frame Cabinet 115V 50/60	1	EA		✓
7240007883953	Waste Receptacle Step-On Type Corrosion Resistent	1	EA		✓
TASK ZZ42:	ACTIVE PATIENT REWARMING				
6515013724470	Blood & IV Fluid Warmer 110/220V 50/60HZ	1	EA		✓
6515013719617	Blood & IV Fluid Warming Set 8FT LG 30s	1	EA		✓
TASK ZZ45:	BLADDER DRAINAGE FOLEY				
6530001058649	Bag Urine Coll Plastic Disposable 2.5lt Heat-Seal 20s	1	EA		✓
6515001048695	Catheter Urethral Foley 18FR Round Tip 12s	1	EA	✓	
6530002999608	Drape Surgical General Green 24 x 24IN 6s	1	EA	✓	
6515011498839	Gloves Surg Gen Surg SZ 6.5 Powder-Free 50PR	1	PR	✓	
6515011498840	Gloves Surg Gen Surg SZ 7.0 Powder-Free 50PR	1	PR		✓
6515011498841	Gloves Surg Gen Surg SZ 7.5 Powder-Free 50PR	1	PR	✓	
6515011498842	Gloves Surg Gen Surg SZ 8.0 Powder-Free 50PR	1	PR	✓	
6505007854357	Lidocaine Ointment USP 5% 35GM	2.5	GM		✓
6505001538809	Lubricant Surgical 4OZ (113.4GM) Tube	0.3	OZ	✓	
6510007863736	Pad Prep Isopropyl Alcohol Impregnated 1 x 2.5IN 100s	2	EA	✓	
6515014397266	Stylet Urinary Malleable Steel 6FR 17.5IN LG	1	EA		✓
6530007944090	Urinal Male Patient Rd Shape Steel 2 Qt	1	EA	✓	
TASK ZZ53:	EMERGENT MAJOR VESSEL LIGATION/I & D				
6510000583047	Bandage Gauze Kerlix 4.5IN x 4YDS 100s	2	EA	✓	
6530007710225	Basin Wash 14IN Diameter x 5IN High Steel	1	EA		✓
7240007710945	Basin Wash Steel Corrosion Resist 4.25QT	1	EA	✓	
6515006600011	Blade Surgical Knife Detachable #10 6s	1	EA	✓	
6515006600010	Blade Surgical Knife Detachable #11 6s	1	EA	✓	
6515006600009	Blade Surgical Knife Detachable #12 6s	1	EA		✓
6515006600008	Blade Surgical Knife Detachable #15 6s	1	EA	✓	
6530002998069	Bowl Surgical Sponge Aluminum 3 x 6IN Recessed	1	EA		✓
6532000048055	Cap Operating Surgical Surgeons Univ SZ Rayon	2	EA		✓
6530002999608	Drape Surgical General Green 24 x 24IN 6s	1	EA	✓	
6515003333600	Forceps Dressing 5.5INLG Straight Serrated	2	EA		✓
6515003333100	Forceps Dressing Cushing 7IN LG Str & Serr	1	EA	✓	
6515003373900	Forceps Gauze Pad Holding Foerster 9IN Str	1	EA		✓
6515003344900	Forceps Hemo Halsted Mosquito Pt 5IN Curve	4	EA		✓
6515003343800	Forceps Hemo Kelly 5.25-5.75IN LG Slight Curve	2	EA	✓	
6515003345600	Forceps Hemostat Halsted Mosquito Pt 5IN LG	11	EA		✓
6515003346800	Forceps Hemostatic Kelly 5.5IN Straight	2	EA	✓	
6515003379800	Forceps Tissue 5IN LG Tweezer	1	EA	✓	
6515003377800	Forceps Tissue Adson 4.5IN Tweezer Str & Smooth	1	EA	✓	
6515003380300	Forceps Tissue Allis 6IN Pivoted Str 7 Smooth	3	EA		✓
6515003204590	Forceps Towel Backhaus 4IN Opposed Prongs	4	EA		✓
6515003204600	Forceps Towel Backhaus 5IN Opposed Prongs	6	EA		✓
6510010037697	Gauze Absorbent Iodoform 0.25 x 5YD 12s	0.2	EA		✓
6515011498839	Gloves Surg Gen Surg SZ 6.5 Powder-Free 50PR	1	PR	✓	
6515011498840	Gloves Surg Gen Surg SZ 7.0 Powder-Free 50PR	1	PR		✓
6515011498841	Gloves Surg Gen Surg SZ 7.5 Powder-Free 50PR	1	PR	✓	
6515011498842	Gloves Surg Gen Surg SZ 8.0 Powder-Free 50PR	1	PR	✓	
4240001906432	Goggles Industrial Plastic Lens D2 Frame	1	PR		✓

¹ The *supplies* for this task vary depending on PC.

² The *quantity* of supplies used for this task vary depending on PC.

Appendix B **GMO/PA-Level Clinical Tasks & AMMAL Supplies**

NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
6532000836535	Gown Operating Surgical Green Large Full LG	0.6	EA		✓
6532000836534	Gown Operating Surgical Medium Full LG Overlay	1.4	EA		✓
6515003417200	Holder Suture Needle Collier 5IN Straight	1	EA	✓	
6515002998736	Holder Suture Needle Hegar-Mayo 6IN LG	1	EA	✓	
6515003419200	Holder Suture Needle Hegar-Mayo 7IN LG Central	2	EA		✓
6515009827493	Mask Surgical Non-sterile Nonwoven Fabric 50s	2	EA	✓	
6505007540374	Povidone-Iodine Topical Solution 1% 1GL	4	OZ	✓	
6515011190018	Probe General Operating Bulbous Tip 5IN LG	1	EA	✓	
6515003610350	Retractor General Operating Volkman 8.5IN LG	2	EA		✓
6515003609200	Retractor Set Rigid Double Ended 8.5IN Blades	1	EA		✓
6515003618950	Retractor Tracheal Hupp Design Sharp Blade	1	EA		✓
6515003618980	Retractor Tracheal Hupp Sharp Blade Point	1	EA		✓
6515003651820	Scissors Gen Surg 5.50IN LG One Blunt	1	EA	✓	
6515003640520	Scissors General Surg Mayo 7IN Curved	1	EA		✓
6515003640920	Scissors General Surgical Mayo 7IN Str	1	EA		✓
6515003644600	Scissors Iris 4-4.50IN O/A LG Crvd Blade Sharp	1	EA		✓
6515003644800	Scissors Iris 4IN Straight Finger Ring	1	EA	✓	
6515003657100	Scissors Tonsil Metzenbaum 7IN LG Curved	1	EA		✓
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	10	EA		✓
6510001161311	Sponge Surg Gauze White 4 x 4IN 128 Trays 1280s	3	CO		✓
6530007081590	Stand Surg 62 x 17 x 20IN Adj Auto Lock Casters	1	EA		✓
6530007086975	Stool Straight 18 x 12 x 8IN Diamond Tread	1	EA		✓
6510009268883	Tape Adhesive Surg Woven 2IN x 10YD 6s	0.2	RL	✓	
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.2	RL	✓	
7210002999610	Towel Hand Cotton Grn/Gray Nondisp 36 x 17IN 1s	1	EA	✓	
6530007939570	Tray Instrument Steel 19 x 12 x .75in	1	EA		✓
TASK ZZ54: EMERGENT AMPUTATION					
6510000583047	Bandage Gauze Kerlix 4.5IN x 4YDS 100s	2	RL	✓	
6530007710225	Basin Wash 14IN Diameter x 5IN High Steel	1	EA		✓
7240007710945	Basin Wash Steel Corrosion Resist 4.25QT	1	EA	✓	
6515006600011	Blade Surgical Knife Detachable #10 6s	1	EA	✓	
6515006600010	Blade Surgical Knife Detachable #11 6s	1	EA	✓	
6515006600009	Blade Surgical Knife Detachable #12 6s	1	EA		✓
6515006600008	Blade Surgical Knife Detachable #15 6s	1	EA	✓	
6530002998069	Bowl Surgical Sponge Aluminum 3 x 6IN Recessed	1	EA		✓
6532000048055	Cap Operating Surgical Surgeons Univ SZ Rayon	2	EA		✓
6530002999608	Drape Surgical General Green 24 x 24IN 6s	1	EA	✓	
6515003333600	Forceps Dressing 5.5INLG Straight Serrated	2	EA		✓
6515003333100	Forceps Dressing Cushing 7IN LG Str & Serr	1	EA		✓
6515003373900	Forceps Gauze Pad Holding Foerster 9IN Str	1	EA		✓
6515003344900	Forceps Hemo Halsted Mosquito Pt 5IN Curve	4	EA		✓
6515003343800	Forceps Hemo Kelly 5.25-5.75IN LG Slight Curve	2	EA	✓	
6515003345600	Forceps Hemostat Halsted Mosquito Pt 5INLG	11	EA		✓
6515003346800	Forceps Hemostatic Kelly 5.5IN Straight	2	EA	✓	
6515003379800	Forceps Tissue 5IN LG Tweezer	1	EA	✓	
6515003377800	Forceps Tissue Adson 4.5IN Tweezer Str & Smooth	1	EA	✓	
6515003380300	Forceps Tissue Allis 6IN Pivoted Str 7 Smooth	3	EA		✓
6515003204590	Forceps Towel Backhaus 4IN Opposed Prongs	4	EA		✓
6515003204600	Forceps Towel Backhaus 5IN Opposed Prongs	6	EA		✓
6510010037697	Gauze Absorbent Iodoform 0.25 x 5YD 12s	0.3	EA		✓

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² The *quantity* of supplies used for this task vary depending on PC.

Appendix B
GMO/PA-Level Clinical Tasks & AMMAL Supplies

NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016
6515011498839	Gloves Surg Gen Surg SZ 6.5 Powder-Free 50PR	1	PR	✓	
6515011498840	Gloves Surg Gen Surg SZ 7.0 Powder-Free 50PR	1	PR		✓
6515011498841	Gloves Surg Gen Surg SZ 7.5 Powder-Free 50PR	1	PR	✓	
6515011498842	Gloves Surg Gen Surg SZ 8.0 Powder-Free 50PR	1	PR	✓	
4240001906432	Goggles Industrial Plastic Lens D2 Frame	1	PR		✓
6532000836535	Gown Operating Surgical Green Large Full LG	.6	EA		✓
6532000836534	Gown Operating Surgical Medium Full LG Overlay	1.4	EA		✓
6515003447800	Handle Surg Knife Blade SZ 3 Narrow Nose	1	EA	✓	
6515003417200	Holder Suture Needle Collier 5IN Straight	1	EA	✓	
6515002998736	Holder Suture Needle Hegar-Mayo 6IN LG	1	EA	✓	
6515003419200	Holder Suture Needle Hegar-Mayo 7IN LG Central	2	EA		✓
6515009827493	Mask Surgical Non-sterile Nonwoven Fabric 50s	2	EA	✓	
6505007540374	Povidone-Iodine Topical Solution 1% 1GL	4	OZ	✓	
6515011190018	Probe General Operating Bulbous Tip 5IN LG	1	EA	✓	
6515003610350	Retractor General Operating Volkman 8.5IN LG	2	EA		✓
6515003609200	Retractor Set Rigid Double Ended 8.5IN Blades	1	EA		✓
6515003618950	Retractor Tracheal Hupp Design Sharp Blade	1	EA		✓
6515003618980	Retractor Tracheal Hupp Sharp Blade Point	1	EA		✓
6515003631100	Saw Amputating Satterlee 8IN Blade 2.25IN Wide	1	EA		✓
6515003651820	Scissors Gen Surg 5.50IN LG One Blunt	1	EA	✓	
6515003640520	Scissors General Surg Mayo 7IN Curved	1	EA		✓
6515003640920	Scissors General Surgical Mayo 7IN Str	1	EA		✓
6515003644600	Scissors Iris 4-4.50IN O/A LG Crvd Blade Sharp	1	EA		✓
6515003644800	Scissors Iris 4IN Straight Finger Ring	1	EA	✓	
6515003657100	Scissors Tonsil Metzenbaum 7IN LG Curved	1	EA		✓
6510007219808	Sponge Surg Cotton Gauze 4 x 4IN Sterile 1200s	10	EA		✓
6510001161311	Sponge Surg Gauze White 4 x 4IN 128 Trays 1280s	4	CO		✓
6530007081590	Stand Surg 62 x 17 x 20IN Adj Auto Lock Casters	1	EA		✓
6510002040000	Stockinet Surg 25 YD x 6IN Cotton Yarn White	0.8	YD		✓
6510002039000	Stockinet Surg 25YD x 3IN Cotton Yarn White/Nat	0.8	YD		✓
6530007086975	Stool Straight 18 x 12 x 8IN Diamond Tread	1	EA		✓
6510009268883	Tape Adhesive Surg Woven 2IN x 10YD 6s	0.2	RL	✓	
6510009268882	Tape Adhesive Surg Woven 1IN x 12YD 12s	0.2	RL	✓	
7210002999610	Towel Hand Cotton Grn/Gray Nondisp 36 x 17IN 1s	1	EA	✓	
6530007939570	Tray Instrument Steel 19 x 12 x .75in	1	EA		✓
TASK ZZ56: INTRAVENOUS ANESTHESIA					
6505005986116	Lidocaine HCL INJ USP 1% 10MG/ML 50ML BT	35	ML	✓	
6505012444736	Midazolam HCL INJ 5MG/ML 1ML Vial 10s	5	MG		✓
6505014622432	Sodium Chloride Injection 0.9% 250 ML Bag 36s	1	EA	✓	
6515002091197	Needle Hypo Spinal 3.5IN 15GA Disposable 10s	1	EA		✓
6510007863736	Pad Prep Isopropyl Alcohol Impregnated 1 x 2.5IN 100s	3	EA	✓	
6515013648148	Regulator Flow Rate IV Injection Set One-Way	1	EA		✓
6515009824205	Syringe & Needle Tuberculin 1ML 25GA 100s	1	EA	✓	
6515007540412	Syringe Hypo GP 10ML Cap Luer Slip 100s	2	EA	✓	
6515003830565	Tourniquet Nonpneumatic 42 x 1.5IN	2	EA		✓

¹ The *supplies* for this task vary depending on PC.

² The *quantity* of supplies used for this task vary depending on PC.

Appendix C

GMO/PA-Level Preventative Laboratory Procedures & AMMAL Supplies

NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
TASK 244:	HEMACULT TEST - EMESIS/FECES/SUCTION						
6515012346838	Applicator disposable squared off tip 100s	1	EA	√			
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6550001656538	Hemacult kit occult blood determination 100s	1	EA			√	
TASK 595:	BLOOD GAS ESTIMATION						
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT™	1	EA				√
P/N: SA1006	Kit reagent (non-AMMAL) bicarb-CO ₂ 200 tests	0.02	TT				
	Chemistry Analyzer Supply Set						
P/N: ACD-4	Bag bio (non-AMMAL) analyzer NExCT™ 50s	0.02	EA				
6640004097000	Bulb dropping pipette rubber 3 ML 12s	1	EA				√
P/N: ACD-5	Caps evap (non-AMMAL) analyzer NExCT™ 500s	1	EA				
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
P/N: C5-62	Control abnorm (non-AMMAL) analyzer NExCT™ 1s	0.01	EA				
P/N: C5-61	Control normal (non-AMMAL) analyzer NExCT™ 1s	0.01	EA				
P/N: ACD-6	Cups sample (non-AMMAL) analyzer NExCT™ 100s	1	EA				
P/N: ACD-2	Cuvette (non-AMMAL) analyzer NExCT™ 1000s	1	EA				
P/N: SA1020	Diluent ns (non-AMMAL) analyzer 12ML 6s	0.02	ML				
P/N: SA1021	Diluent system (non-AMMAL) analyzer 750ML 3s	0.02	ML				
P/N: E1-7	Diluent urine (non-AMMAL) analyzer 500ML	0.02	ML				
P/N: E1-6	Electrode conditioner (non-AMMAL) chem 100ML	0.02	ML				
6640008891712	Filler pipette ball valve 3 valves rubber	1	EA				√
P/N: E1-8	Fluid reagent (non-AMMAL) analyzer 1s	0.02	EA				
7540001818358	Form printed lab chemistry 6.25 x 4IN 100s	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630013789660	Holder blood coll universal f/venoject 1000s	0.1	EA				√
6630012309964	Holder blood collecting tube plastic 10s	0.1	EA			√	
6515004312890	Lancet finger bleeding 1.5IN blade 100s	0.5	EA			√	
6515010032368	Needle hypo blood coll 20GA+B80 x 1.50IN 1000s	1	EA			√	
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	1	EA	√			
6640012911204	Pipette serological glass general purpose 5ML capacity 12s	1	EA				√
6530013695892	Power supply medical uninterruptable source	1	EA				√
6640001655726	Rack test tube laboratory coated wire 40 tube	1	EA				√
P/N: 21-32	Reference serum (non-AMMAL) gemcal™ 3ML 5s	0.01	ML				
P/N: ACD-3	Seglets (non-AMMAL) analyzer NExCT™ 100s	1	EA				
P/N: E1-5	Solution cleaning (non-AMMAL) analyzer 100ML	0.01	ML				
6510007822698	Sponge surgical 8-ply gauze white 4 x 4IN 200s	2	EA	√			
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6630001451137	Tube blood collecting 7ML red 100s	1	EA			√	
6640010994066	Tube lab shipping/storing plastic k8 w/screw	1	EA				√
TASK 596:	ELECTROLYTE LEVELS (Na, K, Cl)						
P/N: 033058	Analyzer chemistry Schiapparelli Starlyte III™	1	EA				√
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT	1	EA				√
P/N: ACD-4	Bag bio (non-AMMAL) analyzer NExCT™ 50s	0.02	EA				
6640004097000	Bulb dropping pipette rubber 3 ML 12s	1	EA				√
P/N: ACD-5	Caps evap (non-AMMAL) analyzer NExCT™ 500s	1	EA				
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
P/N: C5-62	Control abnorm (non-AMMAL) analyzer NExCT™ 1s	0.01	EA				
P/N: C5-61	Control normal (non-AMMAL) analyzer NExCT™ 1s	0.02	ML				
P/N: ACD-6	Cups sample (non-AMMAL) analyzer NExCT™ 100s	1	EA				

Appendix C
GMO/PA-Level Preventative Laboratory Procedures & AMMAL Supplies

NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
P/N: E1-7	Diluent urine (non-AMMAL) analyzer 500ML	0.02	ML				
P/N: E1-6	Electrode conditioner (non-AMMAL) chem 100ML	0.02	ML				
6640008891712	Filler pipette ball valve 3 valves rubber	1	EA				√
P/N: E1-8	Fluid reagent (non-AMMAL) analyzer 1s	0.02	EA				
7540001818358	Form printed lab chemistry 6.25 x 4IN 100s	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630012309964	Holder blood collecting tube plastic 10s	0.1	EA			√	
6515004312890	Lancet finger bleeding 1.5IN blade 100s	1	EA			√	
6515010032368	Needle hypo blood collecting 20GA x 1.50IN 1000s	1	EA			√	
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	1	EA	√			
6640012911204	Pipette serological glass general purpose 5ML capacity 12s	1	EA				√
6530013695892	Power supply medical uninterrupted source	1	EA				√
6640001655726	Rack test tube laboratory coated wire 40 tube	1	EA				√
P/N: 21-32	Reference serum (non-AMMAL) TM 3ML 5s	0.01	ML				
P/N: E1-5	Solution cleaning (non-AMMAL) analyzer 100ML	0.01	ML				
6510007822698	Sponge surgical 8-ply gauze white 4 x 4IN 200s	2	EA	√			
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6630001451137	Tube blood collecting 7ML red 100s	1	EA			√	
6640010994066	Tube lab shipping/storing plastic k8 w/screw	1	EA				√
TASK 597:	TOTAL PROTEIN LEVEL						
	Chemistry Analyzer Supply Set (See C-1)	1	SE				
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT	1	EA				√
P/N: RX1022	Kit reagent (non-AMMAL) tot protein 900 tests	0.02	TT				
TASK 599:	CREATININE LEVEL						
	Chemistry Analyzer Supply Set (See C-1)	1	SE				
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT	1	EA				√
P/N: RX1012	Kit reagent (non-AMMAL) creatinine 560 tests	1	TT				
TASK 600:	AMYLASE LEVEL						
	Chemistry Analyzer Supply Set (See C-1)	1	SE				
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT	1	EA				√
P/N: SA1004	Kit reagent (non-AMMAL) amylase 300 tests	1	TT				
TASK 601:	ALT (SGPT) Level						
	Chemistry Analyzer Supply Set (See C-1)	1	SE				
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT	1	EA				√
P/N: RX1003	Kit reagent (non-AMMAL) ALT (SGPT) 480 tests	1	TT				
TASK 603:	GLUCOSE LEVEL						
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT	1	EA				√
6640014825490	Centrifuge laboratory trunnion 120V 50/60HZ	1	EA				√
P/N: RX1014	Kit reagent (non-AMMAL) glucose 600 tests	1	TT				
6550012360805	Test strips & color chart glucose blood 50s	1	EA			√	
6550013384677	Test strips blood bilirub gluc ketone leuk 100s	1	EA			√	

Appendix C
GMO/PA-Level Preventative Laboratory Procedures & AMMAL Supplies

NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
TASK 604:	BUN LEVEL						
	Chemistry Analyzer Supply Set (See C-1)	1	SE				
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT	1	EA				√
P/N: SA1024	Kit reagent (non-AMMAL) urea nitrogen 600 tests	1	TT				
TASK 605:	BILIRUBIN LEVEL						
	Chemistry Analyzer Supply Set (See C-1)	1	SE				
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT	1	EA				√
P/N: RX1008	Kit reagent (non-AMMAL) bilirubin 300 tests	1	TT				
TASK 609:	CALCIUM LEVEL						
	Chemistry Analyzer Supply Set (See C-1)	1	SE				
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT	1	EA				√
P/N: RX1009	Kit reagent (non-AMMAL) calcium 600 tests	1	TT				
TASK 612:	COMPLETE BLOOD COUNT (CBC)						
6630004276850	Chamber counting blood cell for hemacytometer	1	EA			√	
6630011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6630004188010	Counter blood cells differential rest device	1	EA			√	
6640004276875	Cover glass microscope slide hemactometer set	1	EA			√	
7540001818354	Form printed lab hematology 6.25 x 4IN 100s	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630004277000	Hemacytometer set complete w/ case 9s	1	EA			√	
6630013789660	Holder blood collecting plastic w/needle release 1000s	0.1	EA				√
6630012309964	Holder blood collecting tube plastic 10s	0.1	EA			√	
6640002999807	Immersion oil microscopy 1OZ (29.6ML)	2	ML			√	
6640004301000	Jar biological stain glass soda lime 10 slide	1	EA			√	
7520012496421	Marker tube type chisel point black 10s	0.05	EA			√	
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			√	
6615010032368	Needle hypo blood collecting 20GA x 1.50IN 1000s	1	EA			√	
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	1	EA	√			
6640009370760	Paper bibulous lens pad 4 x 6IN i2s	0.15	EA			√	
6630001267503	Pipette-diluent blood lab plas .02ML 200s	1	EA				√
6640000744191	Slide microscope plain glass 25 x 75MM 72s	2	EA			√	
6645012129474	Timer interval 3 timing channels 120V	1	EA				√
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	
6640004223820	Tray biological staining dish glass 0-300 deg	1	EA				√
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6550013625327	Wright geimsa staining kit conduct 1000 tests	0.275	ML			√	
TASK 613:	WHITE BLOOD CELL COUNT						
6630004276850	Chamber counting blood cell for hemacytometer	1	EA			√	
6630011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6640004188010	Counter blood cells differential	1	EA			√	
6640004276875	Cover glass microscope slide hemactometer set	1	EA			√	
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630004277000	Hemacytometer set complete w/ case 9s	1	EA			√	
6630013789660	Holder blood collecting plastic w/needle release 1000s	0.1	EA				√
6630012309964	Holder blood collecting tube plastic 10s	0.1	EA			√	
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			√	

Appendix C

GMO/PA-Level Preventative Laboratory Procedures & AMMAL Supplies

NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
6515010032368	Needle hypo blood collecting 20GA x 1.50IN 1000s	1	EA			√	
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	1	EA	√			
6640009370760	Paper bibulous lens pad 4 x 6IN i2s	0.15	EA			√	
6630001267503	Pipette-diluent blood lab plas .02ML 200s	1	EA				√
6650009354247	Shield optical microscope collapsible vinyl	1	EA				√
6510007822698	Sponge surgical 8-ply gauze white 4 x 4IN 200s	1	EA	√			
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6630011198575	Tube blood collecting vacuum 7ML solution 100	1	EA			√	
TASK 614: HEMATOCRIT LEVEL							
6640012831435	Centrifuge lab batt9V /electric 11500 rpm	1	EA			√	
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
7540001818354	Form printed lab hematology 6.25 x 4IN 100s	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630013789660	Holder blood collecting plastic w/needle release 1000s	0.1	EA				√
6630012309964	Holder blood collecting tube plastic 10s	0.1	EA			√	
6515004312890	Lancet finger bleeding 1.5IN blade 100s	1	EA			√	
6515010032368	Needle hypo blood collecting 20GA x 1.50IN 1000s	1	EA			√	
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	1	EA	√			
6130010701500	Power supply 115 volt 50/60 HZ	1	EA			√	
6530013695892	Power supply medical uninterruptable source	1	EA				√
6640010104122	Sealer-holder capill tube plas disposable 6s	1	EA				√
6510007822698	Sponge surgical 8-ply gauze white 4 x 4IN 200s	1	EA	√			
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6630011198575	Tube blood collecting vacuum 7ML solution 100	1	EA			√	
6640010689613	Tube capill.microhemocrit glass 500s	1	EA			√	
TASK 615: WHITE BLOOD CELL DIFFERENTIAL COUNT							
6640000108363	Bottle screw cap rectangular plastic lab use 2.5GL	1	EA				√
6640006841345	Box microscope slide plast 25 slides	1	EA			√	
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6640004188010	Counter blood cells differential	1	EA			√	
6640004260315	Forceps microscope slide tweezer str 130MM	1	EA				√
6640008897023	Funnel common lab plastic 100MM	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630013789660	Holder blood collecting plastic w/needle release 1000s	0.1	EA				√
6630012309964	Holder blood collecting tube plastic 10s	0.1	EA			√	
6640002999807	Immersion oil microscopy 1OZ (29.6ML)	0.2	ML			√	
6640004301000	Jar biological stain glass soda lime 10 slide	1	EA			√	
7520012496421	Marker tube type chisel point black 10s	1	EA			√	
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			√	
6515010032368	Needle hypo blood collecting 20GA x 1.50IN 1000s	1	EA			√	
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	2	EA	√			
6640009370760	Paper bibulous lens pad 4 x 6IN i2s	0.15	EA			√	
6640004361000	Paper filter qualitative 250MM diameter mediu	1	EA				√
6640001655726	Rack test tube laboratory coated wire 40 tube	1	EA				√
6650009354247	Shield optical microscope collapsible vinyl	1	EA				√
6640000744191	Slide microscope plain glass 25 x 75MM 72s	2	EA			√	
6510007822698	Sponge surgical 8-ply gauze white 4 x 4IN 200s	2	EA	√			
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
6630001451137	Tube blood collecting 7ML red 100s	1	EA			√	
6550007644729	Wright's staining solution. romanowski 1QT	1	ML			√	
TASK 620: URINALYSIS WITH SPECIFIC GRAVITY							
6640004097000	Bulb dropping pipette rubber 3 ML 12s	1	EA				√
7540001818355	Form printed lab urinalysis 6.25 x 4IN 100s	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
7520012496421	Marker tube type chisel point black 10s	1	EA			√	
6640012904663	Pipette serological glass m18 general purpose 1	1	EA				√
6640001655726	Rack test tube laboratory coated wire 40 tube	1	EA				√
6530000756636	Specimen kit urine 500s	1	EA			√	
6550013384677	Test strips blood bilirub gluc ketone leuk 100s	1	EA			√	
TASK 621: MICROSCOPIC URINALYSIS							
6640014825490	Centrifuge laboratory trunnion 120V 50/60HZ	1	EA				√
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6640004188010	Counter blood cells differential	1	EA			√	
6640006180066	Cover glass microscope slide 22MM 1OZ 150s	2	EA			√	
7540001818355	Form printed lab urinalysis 6.25 x 4IN 100s	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			√	
6640009370760	Paper bibulous lens pad 4 x 6IN i2s	0.15	EA			√	
6530013695892	Power supply medical uninterruptable source	1	EA				√
6650009354247	Shield optical microscope collapsible vinyl	1	EA				√
6640000744191	Slide microscope plain glass 25 x 75MM 72s	2	EA			√	
6530000756636	Specimen kit urine 500s	1	EA			√	
6640009261290	Vortex mixer laboratory single cup 115V 50/60	1	EA				√
TASK 622: PLATELET ESTIMATE							
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6640004188010	Counter blood cells differential	1	EA			√	
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630004277000	Hemacytometer set complete w/ case 9s	1	EA			√	
6630012309964	Holder blood collecting tube plastic 10s	0.1	EA			√	
6640002999807	Immersion oil microscopy 1OZ (29.6ML)	0.2	ML			√	
6515004312890	Lancet finger bleeding 1.5IN blade 100s	0.5	EA			√	
7520012496421	Marker tube type chisel point black 10s	0.05	EA			√	
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			√	
6515010032368	Needle hypo blood collecting 20GA x 1.50IN 1000s	0.5	EA			√	
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	1	EA	√			
6640009370760	Paper bilbious lens pad 4 x 6IN 12s	0.15	EA			√	
6630001267503	Pipette-diluent blood lab plas .02ML 200s	1	EA				√
6530013695892	Power supply medical uninterruptable source	1	EA				√
6640001655726	Rack test tube laboratory coated wire 40 tube	1	EA				√
6650009354247	Shield optical microscope collapsible vinyl	1	EA				√
6640000744191	Slide microscope plain glass 25 x 75MM 72s	1	EA			√	
6510007822698	Sponge surgical 8-ply gauze white 4 x 4IN 200s	2	EA	√			
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	
6640004223820	Tray biological staining dish glass 0-300 deg	1	EA				√
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6630011198575	Tube blood collecting vacuum 7ML solution 100	1	EA			√	

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
TASK 633:	GRAM STAIN						
6515012346838	Applicator disposable squared off tip 100s	2	EA	√			
6550014740651	Bacteriological specimen collection & transport system 100S	1	EA			√	
6640006841345	Box microscope slide plast 25 slides	1	EA			√	
6640004097000	Bulb dropping pipette rubber 3 ML 12s	1	EA				√
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6640006180066	Cover glass microscope slide 22MM 1OZ 150s	2	EA			√	
6640008891712	Filler pipette ball valve 3 valves rubber	1	EA				√
6640004260315	Forceps microscope slide tweezer str 130MM	1	EA				√
7540001818351	Form printed microbiology i 6.25 x 4IN 100s	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6640002999807	Immersion oil microscopy 1OZ (29.6ML)	0.2	ML			√	
6640004301000	Jar biological stain glass soda lime 10 slide	1	EA			√	
6550002619053	Kit gram staining	1	EA			√	
7520012496421	Marker tube type chisel point black 10s	1	EA			√	
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			√	
6640009370760	Paper bibulous lens pad 4 x 6IN i2s	0.15	EA			√	
6640012911204	Pipette serological glass general purpose 5ML capacity 12s	1	EA				√
6530013695892	Power supply medical uninterruptable source	1	EA				√
6650009354247	Shield optical microscope collapsible vinyl	1	EA				√
6640000744191	Slide microscope plain glass 25 x 75MM 72s	2	EA			√	
6515007826482	Swab culture calcium alginate wool tip 100s	1	EA			√	
6645012129474	Timer interval 3 timing channels 120V	1	EA				√
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
TASK 634:	RPR TEST FOR SYPHILIS						
6640014825490	Centrifuge laboratory trunnion 120V 50/60HZ	1	EA				√
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6550010498628	Control rapid plasma reagin card lyophilized	1	EA			√	
7540001818357	Form printed serology SF 551 3-parts 10s	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630013789660	Holder blood collecting plastic w/needle release 1000s	0.1	EA				√
6630012309964	Holder blood collecting tube plastic 10s	0.1	EA			√	
6515010032368	Needle hypo blood collecting 20GA x 1.50IN 1000s	1	EA			√	
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	1	EA	√			
6530013695892	Power supply medical uninterruptable source	1	EA				√
6640002998490	Rack test tube laboratory 10IN x 4.0IN x 2.5IN	1	EA				√
6510007822698	Sponge surgical 8-ply gauze white 4 x 4IN 200s	1	EA	√			
6650001595011	Test kit syphilis detection 500 tests	1	EA			√	
6645012129474	Timer interval 3 timing channels 120V	1	EA				√
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6630001451137	Tube blood collecting 7ML red 100s	1	EA			√	
TASK 635:	MONONUCLEOSIS SPOT TEST						
6640014825490	Centrifuge laboratory trunnion 120V 50/60HZ	1	EA				√
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
7540001818357	Form printed serology SF 551 3-parts 10s	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630013789660	Holder blood collecting plastic w/needle release 1000s	0.1	EA				√
6630012309964	Holder blood collecting tube plastic 10s	0.1	EA			√	

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
6515004312890	Lancet finger bleeding 1.5IN blade 100s	1	EA			√	
6515010032368	Needle hypo blood coll 20GA IN 1.50IN 1000s	1	EA			√	
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	1	EA	√			
6630010685256	Pipette diluent blood w/acetic acid .025ML 100s	1	EA				√
6530013695892	Power supply medical uninterruptable source	1	EA				√
6640002998490	Rack test tube laboratory 10IN x 4.0IN x 2.5IN	1	EA				√
6510007822698	Sponge surgical 8-ply gauze white 4 x 4IN 200s	1	EA	√			
6550010054375	Test kit mononucleosis determination 25 tests	1	EA			√	
6645012129474	Timer interval 3 timing channels 120 v	1	EA				√
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	
6630001451137	Tube blood collecting 7ML red 100s	1	EA			√	
TASK 636: THICK AND THIN SMEAR FOR MALARIA							
6640006841345	Box microscope slide plast 25 slides	1	EA			√	
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6550012433248	Giemsa's staining solution 16 FL OZ	0.25	OZ			√	
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630013789660	Holder blood collecting plastic w/needle release 1000s	1	EA				√
6630012309964	Holder blood collecting tube plastic 10s	1	EA			√	
6640002999807	Immersion oil microscopy 1OZ (29.6ML)	0.2	ML			√	
6640004301000	Jar biological stain glass soda lime 10 slide	1	EA			√	
6515004312890	Lancet finger bleeding 1.5in blabe 100s	1	EA			√	
7520012496421	Marker tube type chisel point black 10s	1	EA			√	
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			√	
6515010032368	Needle hypo blood coll 20GA x 1.50in 1000s	1	EA			√	
6510007863736	Pad prep isopropyl alcohol impreg 1 x 2.5in 100	1	EA	√			
6640009370760	Paper bibulous lens pad 4 x 6IN 12s	0.15	EA			√	
6640004361000	Paper filter qualitative 250MM diameter mediu	1	EA				√
6650009354247	Shield optical microscope collapsible vinyl	1	EA				√
6640000744191	Slide microscope plain glass 25 x 75MM 72s	8	EA			√	
6510007822698	Sponge surgical 8-ply gauze white 4 x 4in 200s	1	EA	√			
6515011467794	Tourniquet non-pneumatic adult 14 x 1in blood taking	1	EA			√	
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6630011198575	Tube blood collecting vacuum 7ML solution 100	1	EA			√	
6550007644729	Wright's staining solution. romanowski 1QT	1	ML			√	
TASK 637: EXAMINE FECES FOR OVA, CYSTS, AND PARASITES							
6515012346838	Applicator disposable squared off tip 100s	2	EA	√			
6640006841345	Box microscope slide plastic 25 slides	1	EA			√	
6640006180066	Cover glass microscope slide 22MM 1OZ 150s	2	EA			√	
7540001818344	Form printed lab miscellaneous 6 x 4in 100s	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6550012114779	Intestinal protozoa staining kit 8 components	1	EA				√
7520012496421	Marker tube type chisel point black 10s	1	EA			√	
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			√	
6640009370760	Paper bibulous lens pad 4 x 6IN 12s	0.15	EA			√	
6650009354247	Shield optical microscope collapsible vinyl	1	EA				√
6640000744191	Slide microscope plain glass 25 x 75MM 72s	2	EA			√	
6505014622432	Sodium chloride injection 0.9% 250 ML bag 36s	0.1	EA	√			
TASK 638: POTASSIUM HYDROXIDE (KOH) PREPARATION							
6515012346838	Applicator disposable squared off tip 100s	2	EA	√			

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
6550014740651	Bacteriological specimen collection & transport system 100S	2	EA			√	
6515006600011	Blade surgical knife detachable #10 6s	1	EA	√			
6640006841345	Box microscope slide plast 25 slides	1	EA			√	
6640004097000	Bulb dropping pipette rubber 3+B417ML 12s	1	EA				√
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6640006180066	Cover glass microscope slide 22MM 1OZ 150s	2	EA			√	
6640008891712	Filler pipette ball valve 3 valves rubber	1	EA				√
7540001818344	Form printed lab miscellaneous 6 x 4in 100s	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6515003447800	Handle surgical knife blade SZ 3 narrow nose	1	EA	√			
7520012496421	Marker tube type chisel point black 10s	0.05	EA			√	
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			√	
6640009370760	Paper bibulous lens pad 4 x 6IN 12s	0.15	EA			√	
6640012911204	Pipette serological glass general purpose 5ML capacity 12s	1	EA				√
6810001366000	Potassium hydroxide pellet 4OZ	0.1	OZ				√
6650009354247	Shield optical microscope collapsible vinyl	1	EA				√
6640000744191	Slide microscope plain glass 25 x 75MM 72s	2	EA			√	
TASK 640: WALKING BLOOD BANK							
6515014328272	Adapter hypo needle teruflex blood bag 3000s	1	EA				√
6515005842926	Balance auto shutoff blood coll-disposableensing	1	EA				√
6515014331250	Blood collecting & disposableensing bag c/o 450 x 115	1	EA				√
0102LF0159800	Blood donor card DD-572 100s	1	EA				√
6515011281407	Blood recipient set transfusion 48s	1	EA				√
7540006344159	Form printd clinic rec-blood trans 8 x 10.5IN	1	EA				√
6510011139208	Preparation kit blood donor sterile 20s	1	EA				√
6640002998490	Rack test tube laboratory 10IN x 4.0IN x 2.5IN	1	EA				√
6640004401250	Stand support 6 x 11IN	1	EA				√
TASK 641: BLOOD T & C (ABO RH)							
6550013438993	Blood group serum anti-A & B 10ML BT 15s	0.008	ML				√
6550013170288	Blood group serum anti-A liq 10ML VI 15s	0.008	ML				√
6550013170289	Blood group serum anti-B liq 10 ML VI 15s	0.008	ML				√
6550013299842	Blood grouping serum BT w/dropper 10 ML rh pos	0.008	ML				√
6640001451180	Centrifuge lab small conical serology	1	EA				√
6640014825490	Centrifuge laboratory trunnion 120V 50/60HZ	1	EA				√
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
7540001818357	Form printed serology SF 551 3-parts 10s	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
7520012496421	Marker tube type chisel point black 10s	0.05	EA			√	
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			√	
6515010032368	Needle hypo blood collecting 20GA x 1.50IN 1000s	1	EA			√	
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	1	EA	√			
6640009370760	Paper bibulous lens pad 4 x 6IN i2s	0.15	EA			√	
6630010685256	Pipette diluent blood w/acetic acid .025ML 100s	1	EA				√
6530013695892	Power supply medical uninterruptable source	1	EA				√
6650009354247	Shield optical microscope collapsible vinyl	1	EA				√
6640011190013	Test tube 5ML disposable 1000's	1	EA				√
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6630001451137	Tube blood collecting 7ML red 100s	1	EA			√	
6640002998493	Wash bottle cell lab plas 5IN HI 250ML	1	EA				√

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
TASK ZZ21: SPECIMEN PACKAGE/SHIPPING							
6550014740651	Bacteriological specimen collection & transport system 100S	1	EA			√	
6640001352994	Bottle w/screw cap wide mouth round 4OZ 12s	1	EA				√
6550001391321	Formaldehyde solution usp 37% 1pt(473ML)	5	ML				√
6640008891594	Jars and shipping box histopathological speci	1	EA			√	
3540002999811	Sealing machine heat poly wrap or bags	1	EA		√		
TASK ZZ22: WET PREP							
6515012346838	Applicator disposable squared off tip 100s	2	EA	√			
6550014740651	Bacteriological specimen collection & transport system 100S	1	EA	√			
6515006600011	Blade surgical knife detachable #10 6s	1	EA	√			
6640004097000	Bulb dropping pipette rubber 3 ML 12s	1	EA				√
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6640006180066	Cover glass microscope slide 22MM 1OZ 150s	2	EA			√	
6640008891712	Filler pipette ball valve 3 valves rubber	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6515003447800	Handle surgical knife blade SZ 3 narrow nose	1	EA	√			
7520012496421	Marker tube type chisel point black 10s	1	EA	√			
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA	√			
6640009370760	Paper bibulous lens pad 4 x 6IN i2s	0.15	EA			√	
6640012911204	Pipette serological glass general purpose 5ML capacity 12s	1	EA				√
6650009354247	Shield optical microscope collapsible vinyl	1	EA				√
6640000744191	Slide microscope plain glass 25 x 75MM 72s	2	EA			√	
6505014622432	Sodium chloride injection 0.9% 250 ML bag 36s	0.01	EA	√			
TASK ZZ23: IODINE PREP							
6515012346838	Applicator disposable squared off tip 100s	2	EA	√			
6550014740651	Bacteriological specimen collection & trans system 100S	1	EA			√	
6515006600011	Blade surgical knife detachable #10 6s	1	EA	√			
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6640006180066	Cover glass microscope slide 22MM 1OZ 150s	2	EA			√	
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6515003447800	Handle surgical knife blade SZ 3 narrow nose	1	EA	√			
6550002619053	Kit gram staining	1	EA			√	
7520012496421	Marker tube type chisel point black 10s	1	EA			√	
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			√	
6640009370760	Paper bibulous lens pad 4 x 6IN i2s	0.15	EA			√	
6650009354247	Shield optical microscope collapsible vinyl	1	EA				√
6640000744191	Slide microscope plain glass 25 x 75MM 72s	2	EA			√	
TASK ZZ24: CULTURE SPECIMEN COLLECTION							
6550014740651	Bacteriological specimen collection & transport system 100S	1	EA			√	
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6515007826482	Swab culture calcium alginate wool tip 100s	1	EA			√	
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6630013789660	Holder blood collecting plastic w/needle release 1000s	0.1	EA				√
6630012309964	Holder blood collecting tube plastic 10s	0.1	EA			√	
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	1	EA	√			
6510007822698	Sponge surgical 8-ply gauze white 4 x 4IN 200s	2	EA	√			
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	

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NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6630001451137	Tube blood collecting 7ML red 100s	1	EA			√	
TASK ZZ26: RAPID CARDIAC ENZYME TEST							
6510005977469	Bandage adhesive flesh/clear 3IN 100s	2	EA	√			
6640012831435	Centrifuge lab batt9V /electric 11500 rpm	1	EA			√	
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6550014670676	Diagnostic kit cardiac 10s	1	EA			√	
7540001818358	Form printed lab chemistry 6.25 x 4IN 100s	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6515010032368	Needle hypo blood collecting 20GA x 1.50IN 1000s	2	EA	√			
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	2	EA	√			
6130010701500	Power supply 115V 50/60 HZ	1	EA			√	
6530013695892	Power supply medical uninterruptable source	1	EA			√	
6550014555546	Test kit CK-MB & myoglobin determination10s	1	EA			√	
6550014555550	Test kit troponin I determination 10s	2	EA			√	
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6630001451137	Tube blood collecting 7ML red 100s	2	EA			√	
TASK ZZ28: BLOOD ALCOHOL (AIRCRAFT ACCIDENT SAMPLE)							
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630013789660	Holder blood collecting plastic w/needle release 1000s	0.1	EA				√
6630012309964	Holder blood collecting tube plastic 10s	0.1	EA			√	
6515010032368	Needle hypo blood collecting 20GA x 1.50IN 1000s	1	EA			√	
6510007822698	Sponge surgical 8-ply gauze white 4 x 4IN 200s	1	EA	√			
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6630011198575	Tube blood collecting vacuum 7ML solution 100	1	EA			√	
6630001451534	Tube blood collecting vacuum 7ML with sodium flouride	1	EA				√
TASK ZZ29: CARBON MONOXIDE (AIRCRAFT ACCIDENT SAMPLE)							
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630013789660	Holder blood collecting plastic w/needle release 1000s	0.1	EA				√
6630012309964	Holder blood collecting tube plastic 10s	0.1	EA			√	
6515010032368	Needle hypo blood collecting 20GA x 1.50IN 1000s	1	EA			√	
6510010100307	Pad povidone-iodine impregnated 1 x 2IN brown 100s	1	EA	√			
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	1	EA	√			
6510007822698	Sponge surgical 8-ply gauze white 4 x 4IN 200s	1	EA	√			
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6630011198575	Tube blood collecting vacuum 7ML solution 100	1	EA			√	
TASK ZZ31: ALIQUOT (AIRCRAFT ACCIDENT)							
6640014825490	Centrifuge laboratory trunnion 120V 50/60HZ	1	EA				√
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630013789660	Holder blood collecting plastic w/needle release 1000s	0.1	EA				√
6630012309964	Holder blood collecting tube plastic 10s	0.1	EA			√	
6515010032368	Needle hypo blood collecting 20GA x 1.50IN 1000s	3	EA			√	

Appendix C
GMO/PA-Level Preventative Laboratory Procedures & AMMAL Supplies

NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	1	EA	√			
6530013695892	Power supply medical uninterruptable source	1	EA				√
6510007822698	Sponge surgical 8-ply gauze white 4 x 4IN 200s	1	EA	√			
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6630001451137	Tube blood collecting 7ML red 100s	3	EA			√	
TASK ZZ46: SPINAL FLUID CELL COUNT							
6640004097000	Bulb dropping pipette rubber 3 ML 12s	1	EA				√
6640014825490	Centrifuge laboratory trunnion 120V 50/60HZ	1	EA				√
6640004188010	Counter blood cells differential	1	EA			√	
6640006180066	Cover glass microscope slide 22MM 1OZ 150s	1	EA			√	
6640004200000	Cylinder graduated laboratory 100 ML cap glas	1	EA				√
6640008891712	Filler pipette ball valve 3 valves rubber	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630004277000	Hemacytometer set complete w/ case 9s	1	EA			√	
6515000828264	Lumbar puncture kit 20 comp adult w/2.50ML sy	1	EA			√	
7520012496421	Marker tube type chisel point black 10s	0.05	EA			√	
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			√	
6640009370760	Paper bibulous lens pad 4 x 6IN i2s	0.15	EA			√	
6640012911204	Pipettete serological glass general purpose 5ML capacity 12s	1	EA				√
6130010701500	Power supply 115 volt 50/60 HZ	1	EA			√	
6530013695892	Power supply medical uninterruptable source	1	EA				√
TASK ZZ47: RBC MORPHOLOGY							
6640000108363	Bottle screw cap rectangular plastic lab use 2.5GL	1	EA				√
6640006841345	Box microscope slide plast 25 slides	1	EA			√	
6530011832863	Container disposable hypo needle & syr 6.9QT 12s	0.05	EA	√			
6640004188010	Counter blood cells differential	1	EA			√	
6640004260315	Forceps microscope slide tweezer str 130MM	1	EA				√
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	√			
6630013789660	Holder blood collecting plastic w/needle release 1000s	0.1	EA				√
6630012309964	Holder blood collecting tube plastic 10s	0.1	EA			√	
6640002999807	Immersion oil microscopy 1OZ (29.6ML)	0.2	ML			√	
6640004301000	Jar biological stain glass soda lime 10 slide	1	EA			√	
7520012496421	Marker tube type chisel point black 10s	0.05	EA			√	
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			√	
6515010032368	Needle hypo blood collecting 20GA x 1.50IN 1000s	1	EA			√	
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	2	EA	√			
6640009370760	Paper bibulous lens pad 4 x 6IN i2s	0.15	EA			√	
6640004361000	Paper filter qualitative 250MM diameter medium	1	EA				√
6530013695892	Power supply medical uninterruptable source	1	EA				√
6640001655726	Rack test tube laboratory coated wire 40 tube	1	EA				√
6650009354247	Shield optical microscope collapsible vinyl	1	EA				√
6640000744191	Slide microscope plain glass 25 x 75MM 72s	1	EA				√
6510007822698	Sponge surgical 8-ply gauze white 4 x 4IN 200s	2	EA	√			
6515011467794	Tourniquet non-pneumatic adult 14 x 1IN blood taking	1	EA			√	
6640004223820	Tray biological staining dish glass 0-300 degree	1	EA				√
6640009821294	Tray phlebotomy portable w/handle 14 x 11 x 2IN	1	EA				√
6630001451137	Tube blood collecting 7ML red 100s	1	EA			√	
6630011198575	Tube blood collecting vacuum 7ML solution 100	1	EA			√	
6550013625327	Wright geimsa staining kit conduct 1000 tests	0.275	ML			√	
6550007644729	Wright's staining solut. romanowski 1QT	1	ML			√	

Appendix C

GMO/PA-Level Preventative Laboratory Procedures & AMMAL Supplies

NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
TASK ZZ49:	ALKALINE PHOSPHATASE						
	Chemistry Analyzer Supply Set (See C-1)	1	SE				✓
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT	1	EA				✓
P/N: RX1002	Kit reagent (non-AMMAL) alkaline phosphatase 750s	1	TT				
TASK ZZ50:	FECAL LEUKOCYTES						
6550014740651	Bacteriological specimen collection & transport system 100S	1	EA			✓	
6640004260315	Forceps microscope slide tweezer str 130MM	1	EA				✓
7540001818351	Form printed microbiology i 6.25 x 4IN 100s	1	EA				✓
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	✓			
6640002999807	Immersion oil microscopy 1OZ (29.6ML)	2	ML			✓	
7520012496421	Marker tube type chisel point black 10s	0.05	EA			✓	
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			✓	
6640009370760	Paper bibulous lens pad 4 x 6IN i2s	0.15	EA			✓	
6530013695892	Power supply medical uninterruptable source	1	EA				✓
6640000744191	Slide microscope plain glass 25 x 75MM 72s	1	EA			✓	
6645012129474	Timer interval 3 timing channels 120V	1	EA				✓
6640004223820	Tray biological staining dish glass 0-300 deg	1	EA				✓
6550013625327	Wright geimsa staining kit conduct 1000 tests	0.275	ML			✓	
TASK ZZ52:	TZANCK SMEAR						
6550014740651	Bacteriological specimen collection & transport system 100S	1	EA			✓	
6640004260315	Forceps microscope slide tweezer str 130MM	1	EA				✓
7540001818344	Form printed lab miscellaneous 6 x 4in 100s	1	EA				✓
6515013648553	Glove patient exam/treat MED prepowdered 100s	2	EA	✓			
6640002999807	Immersion oil microscopy 1OZ (29.6ML)	2	ML			✓	
6640004301000	Jar biological stain glass soda lime 10 slide	1	EA			✓	
7520012496421	Marker tube type chisel point black 10s	0.05	EA			✓	
6650014121040	Microscope optical 115/230V 50/60 HZ AC w/cover	1	EA			✓	
6640009370760	Paper bibulous lens pad 4 x 6IN i2s	0.15	EA			✓	
6640000744191	Slide microscope plain glass 25 x 75MM 72s	1	EA			✓	
6640004223820	Tray biological staining dish glass 0-300 deg	1	EA				✓
6640002998493	Wash bottle cell lab plas 5IN HI 250ML	1	EA				✓
6550013625327	Wright geimsa staining kit conduct 1000 tests	0.275	ML			✓	
TASK ZZ57:	CLEAN AND STERILIZE LAB EQUIPMENT						
6850011207996	Detergent tablets lab glassware ph range 9-9.5	2	TB				✓
6640007826007	Jar pipette plastic polyethylene soaking	1	EA				✓
3540002999811	Sealing machine heat poly wrap or bags	1	EA		✓		
6530004776720	Sterilization test strip set bacterial spore	1	EA				✓
6530013408001	Sterilizer surgical instrument & dressing 115 to 230V	1	EA		✓		
6640009267673	Washer pipette automatic siphon tube type single	1	EA				✓
TASK ZZ59:	CREATININE KINASE (CK)						
	Chemistry Analyzer Supply Set (See C-1)	1	SE				
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT	1	EA				✓
P/N: RX1011	Kit reagent (non-AMMAL) creatinine kinase 480 test	1	TT				
TASK ZZ60:	GAMMA GLUTAMYL TRANSFERASE (GGT)						

Appendix C
GMO/PA-Level Preventative Laboratory Procedures & AMMAL Supplies

NSN #	ITEM NAME	QTY	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
	Chemistry Analyzer Supply Set (See C-1)	1	SE				
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT	1	EA				√
P/N: RX1013	Kit reagent (non-AMMAL) gamma gt-GGT 480 tests	1	TT				
TASK ZZ61:	LACTATE DEHYDROGENASE (LDH)						
	Chemistry Analyzer Supply Set (See C-1)	1	SE				
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT	1	EA				√
P/N: RX1018	Kit reagent (non-AMMAL) LDH 480 tests	1	TT				
TASK ZZ62:	ALBUMIN LEVEL						
	Chemistry Analyzer Supply Set (See C-1)	1	SE				
6630014785577	Analyzer clinical chemistry Schiapparelli NExCT	1	EA				√
P/N: RX1001	Kit reagent (non-AMMAL) albumin 600 tests	1	TT				

Appendix D
GMO/PA-Level Preventative Medicine Requirements & AMMAL Supplies

NSN #	ITEM NAME	AMOUNT	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
TASK Z505: OBTAIN WATER SAMPLE/CONDUCT CHLORINE/PH TESTING							
6550010440315	Chlorine test tablets u/w 6630010440334 100s	1	EA				√
6550014568981	Chlorine test reagent powder pillows 10ML 100s	1	EA			√	
6630010673827	Comparator color block type 6.8-8.2ph w/case	1	EA				√
6640004429005	Test paper-color chart hydrogen ion 15FT	6	IN		√		
6640011536786	Bag water sample w/sod thio 3 x 7IN 100s	1	EA			√	
TASK Z506: OBTAIN WATER SAMPLE/CONDUCT BACTERIOLOGICAL TESTING							
6630013628299	Water sampling test reagent coliform 200s	1	EA				√
6630013884098	Comparator color 100ML	1	EA				√
6640011479563	Basket test tube 6 x 6 x 6IN plastic tapered sides	1	EA				√
6640011536786	Bag water sample w/sod thio 3 x 7IN 100s	1	EA			√	
6640013623914	Incubator dry heat 120V 50/60HZ 13.5IN x 16.5IN	1	EA				√
TASK Z543: CONDUCT SMALL AREA ARTHROPOD CONTROL							
3740013385390	Sprayer pesticide man carried 28OZ cap	1	EA		√		
6840011800167	Insecticide combat 12 BX of 12EA 144s	10	EA		√		
6840012873938	Insecticide boric acid aerosol dust 9OZ 12s	1	CN		√		
6840013986799	Insecticide hydramethylnon 30GM syringe 4s	2	EA		√		
6840014124634	Insecticide D-pheno aerosol 12OZ can 12s	6	OZ		√		
TASK Z550: CONDUCT RODENT SURVEILLANCE AND CONTROL							
3740002523384	Mousetrap spring wood base 4-way release 12s	4	EA		√		
3740002601398	Rattrap spring wood base 4-way release 12s	4	EA		√		
TASK Z584: MONITOR/REPORT HEAT STRESS INDEX							
6685010555298	Meter wet bulb	1	EA		√		
TASK Z585: DISPENSE TOPICAL SKIN PROTECTION							
6505011212335	Sunscreen preparation SPF 15 4OZ bottle	1	EA	√			
6508014360607	Lipstick anti chap cold/hot climate SPF 15 144s	1	EA	√			
TASK Z604: CONDUCT INFECTIOUS DISEASE TESTING							
6505001050102	Tuberculin PPD 5 units per .1ML 50 doses	1	ML	√			
6515009824205	Syringe & needle tuberculin 1ML 25GA 100s	1	EA	√			
TASK Z607: OBTAIN SPECIMEN/SAMPLE FOR SHIPMENT							
6510005977469	Bandage adhesive flesh/clear 3IN 100s	1	EA	√			
6510007822698	Sponge surg 8-ply gauze white 4 x 4IN 200s	2	EA	√			
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100s	1	EA	√			
6515010032368	Needle hypo blood collect 20GA x 1.50IN 1000s	1	EA			√	
6515013648553	Glove patient exam/treat medium prepowdered 100s	2	EA	√			

Appendix D
GMO/PA-Level Preventative Medicine Requirements & AMMAL Supplies

NSN #	ITEM NAME	AMOUNT	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
6515013851697	Tube drainage surg penrose 7/8 x 12IN 200s	1	EA	√			
TASK Z607: OBTAIN SPECIMEN/SAMPLE FOR SHIPMENT							
6630001451137	Tube blood collecting 7ML red 100s	1	EA			√	
6630012309964	Holder blood collecting tube plastic 10s	1	EA			√	
TASK Z608: PACKAGE/SHIP SPECIMEN/SAMPLE							
6550011611859	Bacteriological specimen collect/transport system 100s	1	EA			√	
TASK Z611: DISPENSE STD PROPHYLAXIS/CONTRACEPTIVE							
6515013281906	Condom spermicidally lube w/nonoxynol-9 2880s	2	EA	√			
TASK Z612: ADMINISTER VACCINE							
6505010670807	Globulin rabies immune 10 doses 150 unit/ml	1	ML	√			
6505014320378	Hepatitis A virus vaccine 50UN/ML 1ML syr 5s	1	EA		√		
6505012663780	Hepatitis B virus vaccine 10MG/ML 3ML vi	1	VI	√			
6505001326904	Isoniazid tablets USP 300MG 100s	50	TB		√		
6505001384995	Pyridoxine hydrochloride tablets 50MG 100s	50	TB		√		
6505010916063	Rabies vaccine human diploid cell strain	1	VI	√			
6505002998296	Tetanus & diphtheria toxoids adult 5ML vial	1	ML	√			
6505013856328	Typhoid vaccine modified 10ML vial 20 doses	1	ML		√		
6505011715260	Yellow fever vaccine USP 5 single dose vials	1	VI		√		
6510007863736	Pad prep isopropyl alcohol impregnated 1 x 2.5IN 100	3	EA	√			
6515001491206	Syringe & needle hypo 23GA 1 IN ndl 3ML 100s	3	EA	√			
6515009824205	Syringe & needle tuberculin 1ML 25GA 100s	1	EA	√			
8105010990355	Envelope drug dispensing 5 x 3IN frosted 1000s	2	EA	√			
TASK Z642: CONDUCT INSPECTIONS OF FOOD STORAGE/PREPARATION AREAS							
6685004446500	Thermometer food service inspection	1	EA				√
TASK Z661: CONDUCT INSPECTIONS OF COMMON USE AREAS							
Visual task	No supplies assigned for this task						
TASK Z681: CONDUCT FORMAL INSPECTIONS OF BERTHING AREAS							
Visual task	No supplies assigned for this task						
TASK Z701: CONDUCT INSPECTIONS OF WASTE DISPOSAL SITES							
Visual task	No supplies assigned for this task						
TASK Z720: MEASURE EAR SIZE							
6515010927959	Gage ear plug plastic sterilizable w/arms	1	EA	√			

Appendix D
GMO/PA-Level Preventative Medicine Requirements & AMMAL Supplies

NSN #	ITEM NAME	AMOUNT	UM	Sickbay Core 7015	Sickbay Supp 7016	Lab Core 7018	Lab Supp 7019
TASK Z721: DISPENSE EAR NOISE PROTECTIONS							
6515012129452	Case ear plug plastic olive drab translucent	1	EA	√			
6515004424807	Plug ear hearing protect large flange blue 24s	1	PR	√			
6515004670089	Plug ear hearing protect medium flange orange 24s	1	PR	√			
6515004424765	Plug ear hearing protect xsmall flange white 24s	1	PR	√			
6515004670085	Plug ear hearing protection small plastic sgl	1	PR	√			
6515001376345	Plug ear noise protect univ SZ foam 400s	1	PR	√			
6515004670092	Plug ear noise protection large blue triple	1	PR		√		
6515004424821	Plug ear noise protection small green triple	1	PR		√		
6515004424813	Plug ear noise protection xlarge plastic single	1	PR	√			
6515004424818	Plug ear regular SZ rubber orange color	1	PR		√		
TASK Z740: ASSEMBLE TRAINING AIDS							
6910005406378	Moulage set war wounds plastic	1	EA		√		
6910011293195	Manikin head & torso CPR training adult size	1	EA		√		
TASK Z791: MAKE RECOMMENDATIONS/TROUBLESHOOT DISCREPENCIES							
No supplies assigned for this task							
TASK Z792: CONDUCT TRAINING							
No supplies assigned for this task							

Appendix E
Revised GMO Supplemental Sick-Bay AMMAL 7016

NSN	ITEM NAME	QTY	U/I	U/W	U/C	U/\$
6505013809548	Adenosine injection 2ML single dose vial 10 per PG	0.30	Pg	0.10	0.00	\$130.59
6505012580960	Albuterol sulfate inhalation solution 3ML bottle 25 bottles/PG	1.00	Pg	0.40	0.03	\$14.16
6505010946196	Atropine sulfate injection 0.1MG/CC 10ML bottle 10s	0.50	Bx	1.40	0.12	\$15.73
6505007542547	Atropine sulfate injection 0.4MG/ML 20ML vial	2.00	Vi	0.14	0.01	\$4.28
6505009578089	Atropine sulfate injection USP1ML vial 25 vials per PG	160.00	Pg	1.15	0.01	\$20.57
6505014359289	Beclomethasone dipropionate nasal suspension 19GM spray bottle	24.00	Ea	0.12	0.01	\$28.15
6505014752156	Bretylium tosylate injection 50MG/ML 10ML syringe w/ndl 10/PG	1.00	Pg	1.10	0.10	\$21.75
6505011046393	Cefoxitin sodium sterile USP 2GM vial 25 vials per PG	1.00	Pg	1.67	0.08	\$257.02
6505012192760	Ceftriaxone sodium sterile 1GM vial 10 vials per PG	2.00	Pg	0.70	1.50	\$207.25
6505007540280	Chloramphenicol sodium succinate sterile USP1 gram vial 10/box	1.00	Bx	0.06	0.01	\$37.33
6505011875540	Clindamycin phosphate injection USP 6ML vial 25 vials/PG	1.00	Pg	1.05	0.04	\$119.55
6505014622502	Dextrose 5% and sodium chloride injection USP 1000ML bag 12/ PG	0.50	Pg	0.55	0.12	\$5.86
6505014621915	Dextrose & water injection USP 5% 1000 ML bag 12 bags per PG	1.00	Pg	1.15	0.22	\$5.26
6505009444130	Dicyclomine HCL tabs 20MG 100s	1.00	Bt	0.19	0.01	\$15.80
6505005317761	Digoxin injection USP 0.25MG/ML 2ML ampul 10/PG	0.50	Pg	0.22	0.01	\$17.42
6505012592914	Diltiazem hydrochloride 120MG 100 tabs	1.00	Bt	0.26	0.01	\$72.92
6505012394660	Dobutamine HCL injection 250MG 20ML single dose vial	4.00	Vi	0.16	0.01	\$4.94
6505011494089	Dopamine hydrochloride injection USP 5ML vial 25 per PG	0.20	Pg	1.15	0.01	\$8.28
6505010932384	Epinephrine injection USP 0.1MG/ML syringe-needle unit10ML 10s	0.50	Pg	1.60	0.14	\$19.83
6505012935593	Erythromycin lactobionate for injection USP 1GM vial 10 vials/PG	1.00	Pg	0.80	0.33	\$19.06
6505001193300	Ferrous sulfate 324MG 1000 tablets per bottle	0.50	Bt	1.83	0.06	\$5.26
6505013953039	Fluconazole tablets 150MG 12s	1.00	Pg	0.65	0.02	\$95.89
6505013548591	Flumazenil injection 0.1MG/ML 10ML vial 10 vials per PG	1.00	Pg	1.10	0.02	\$305.57
6505014107226	Fluticasone propionate nasal spray 16GM 120 actuations	1.00	Ea	0.35	0.01	\$48.44
6505014155662	Fosinopril sodium tablets 10MG 90 tablets per bottle	2.00	Bt	0.55	0.01	\$27.79
6505001490160	Fluocinonide cream 0.05% 15GM tube	2.00	Tu	0.09	0.01	\$1.57
6505010222646	Gentamicin sulf ophthalmic solution USP 3.0MG gentamicin per ML 5ML	2.00	Bt	0.05	0.01	\$2.10
6505012139514	Gentamicin sulfate injection USP 40MG equiv/ML 2ML vial 25/PG	2.00	Pg	0.66	0.02	\$7.09
6505014070381	Griseofulvin tablets ultramicrosize USP 125MG 100s	3.00	Bt	0.65	0.01	\$22.21

1. Decreased from 60 to 12 bags.

2. Increased from 5 to 10 vials.

3. Added to upgrade clinical capability.

4. Moved from Supplemental to Core AMMAL.

5. Added as an upgrade to an existing item.

6. Decreased from 100 to 50.

7. Decreased from 50 to 25.

8. Decreased from 300 to 100.

E-1

Appendix E
Revised GMO Supplemental Sick-Bay AMMAL 7016

NSN	ITEM NAME	QTY	U/I	U/W	U/C	U/\$
6505013313039	Heparin sodium injection USP 2ML vial 25 vials per PG	0.25	Pg	1.05	0.05	\$23.61
6505014320378	Hepatitis A virus vaccine inactivated 50UN/ML 1ML syringe 5/PG	1.00	Pg	1.55	0.02	\$129.44
6505006895532	Homatropine hydrobromide ophthalmic solution 5% 15ML bottle	0.50	Bt	0.06	0.00	\$4.39
6505010939901	Hydrocortisone valerate cream USP 0.2% 15GM tube	2.00	Tu	0.20	0.02	\$8.03
6505000521367	Hydroxyzine hydrochloride injection USP 50MG per ML 10 ML	4.00	Vi	0.09	0.00	\$0.51
6505001326904	Isoniazid tablets USP 300MG 100s	5.00	Bt	0.32	0.01	\$3.47
6505010461894	Isoproterenol hydrochloride injection USP 10ML syringe 10/PG	0.20	Pg	0.25	0.06	\$49.64
6505003343461	Lidocaine hydrochloride injection USP 40MG/ML 50ML vial/PG	6.00	Pg	0.33	0.02	\$0.83
6505011561797	Lidocaine hydrochloride injection USP 5ML syringe-needle unit10s	1.00	Pg	1.13	0.09	\$13.02
6505000636197	Lidocaine hydrochloride topical solution USP 100ML bottle	2.00	Bt	0.34	0.02	\$1.26
6505007854357	Lidocaine ointment USP 5% 35GM	12.00	Tu	0.17	0.02	\$1.71
6505013018175	Magnesium sulfate injection USP 2ML ampul 25 ampuls per PG	2.00	Pg	0.50	0.01	\$5.76
6505011253253	Mannitol injection USP 25% 50ML single dose vials 25 vials/PG	1.00	Pg	6.75	0.18	\$25.80
6505013151275	Mefloquine hydrochloride tablets 250MG 25 tablets/PG	1.00	Pg	0.12	0.01	\$142.81
6505008556984	Meperidine hydrochloride injection 100MG/ML 1ML unit 10/box	6.00	Pg	0.27	0.01	\$5.30
6505012321987	Methylprednisolone sodium succinate injection USP 2grams in 50ML vial	12.00	Pg	0.55	0.02	\$15.89
6505012444736	Midazolam hydrochloride injection 5MG/ML 1ML vial 10/PG	1.00	Pg	0.18	0.01	\$63.01
6505014341714	Mupirocin ointment 1GM tube 10s	0.50	Pg	1.65	0.02	\$32.31
6505011263842	Nifedipine capsules 10MG 100s	1.00	Bt	0.38	0.38	\$4.08
6505010083401	Nitroglycerin ointment 2% 60GM collapsible tube	1.00	Tu	0.26	0.01	\$4.47
6505012109506	Nystatin and triamcinolone acetamide cream 15GM tube	12.00	Tu	0.07	0.00	\$1.75
6505008902013	Nystatin cream USP 100000 USP units per gram 15GM tube	6.00	Tu	0.07	0.00	\$1.31
6505012104450	Oxycodone hydrochloride & acetaminophen capsules 100s bottle	3.00	Bt	0.21	0.21	\$8.66
6505001325199	Oxygen 99% cylinder type H 1650 gal	2.00	Ea	133.00	2.60	\$241.46
6505001334447	Penicillin G benzathine sterile USP 600000 units/ML 2ML 10s	3.00	Bx	0.32	0.01	\$80.69
6505008902172	Penicillin G potassium for injection USP 2000000 units	6.00	Bt	0.32	0.02	\$95.75
6505010604306	Phenylephrine HCL ophthalmic solution USP viscous 10% 5ML 12s	1.00	Bx	0.60	0.03	\$11.81
6505001169325	Phenytoin sodium capsules extended USP 100MG 100s	1.00	Bt	0.32	0.01	\$15.26
6505014667522	Physostigmine salicylate injection USP 1MG/ML 2ML 10 ampules/PG	1.00	Pg	0.55	0.02	\$19.83

1. Decreased from 60 to 12 bags.
2. Increased from 5 to 10 vials.
3. Added to upgrade clinical capability.
4. Moved from Supplemental to Core AMMAL.
5. Added as an upgrade to an existing item.
6. Decreased from 100 to 50.
7. Decreased from 50 to 25.
8. Decreased from 300 to 100.

Appendix E
Revised GMO Supplemental Sick-Bay AMMAL 7016

NSN	ITEM NAME	QTY	U/I	U/W	U/C	U/\$
6505010785245	Potassium bicarb & potassium chloride effervescent oral solution 30s	2.00	Pg	0.31	0.01	\$9.77
6505010801988	Potassium chloride concentrate injection 20ML VI 25s	2.00	Pg	1.42	0.03	\$9.99
6505013482465	Primaquine phosphate tablets USP 15MG 100 tablets per bottle	10.00	Bt	0.85	0.01	\$28.03
6505011533842	Procainamide hydrochloride injection USP 500MG/ML 2ML vial	2.00	Vi	0.01	0.00	\$0.47
6505001067399	Propranolol hydrochloride 40MG 100 tablets/bottle	2.00	Bt	0.09	0.00	\$0.87
6505004005015	Protamine sulfate injection 10MG/ML 25ML vial	1.00	Vi	0.18	0.01	\$1.54
6505012859011	Ranitidine injection 25MG/ML 40ML vial	1.00	Vi	0.28	0.01	\$20.95
6505002165370	Sodium bicarb injection USP 8.4% syringe-needle unit 1meq/ML 50ML 10s	2.00	Pg	4.40	0.30	\$18.24
6505009355835	Thiabendazole oral suspension USP 100MG 120ML bottle	2.00	Bt	0.68	0.02	\$16.59
6505012380362	Thiamine hydrochloride injection USP100MG/ML 1ML vial 25/PG	0.10	Pg	1.05	0.02	\$18.17
6505012717667	Verapamil hydrochloride extended-release tabs 240MG 100s	1.00	Bt	3.04	3.04	\$15.13
6505011313855	Verapamil hydrochloride injection 2.5MG/ML 2ML ampul	10.00	Co	0.04	0.00	\$2.32
6505011715260	Yellow fever vaccine USP5 single dose vials per PG	0.20	Pg	0.25	0.06	\$150.14
6515011535942	Adapter IV needle male luer w/injection site 1 5IN LG sterile disposable 50s	0.50	Pg	0.84	0.03	\$30.14
6515013215211	Airway kit percutaneous emergency 10s	0.10	Pg	0.20	0.05	\$156.06
6515003026020	Anoscope cylindrical solid tube size 1 medium 2.5IN LG 0.75IN DIA	1.00	Ea	0.73	0.07	\$75.44
6530001058649	Bag urine collection plastic disposable 10 x 9 x 9.5IN heat seal 2.5lt 20s	0.25	Pg	11.50	2.55	\$100.47
6530007710225	Basin wash steel 9QT stainless steel	2.00	Pg	2.84	0.21	\$227.70
6515006600009	Blade surgical knife detachable no.12 carbon steel 6s	1.00	Pg	0.05	0.00	\$1.37
7210009356666	Blanket casualty plastic film aluminum coated 96 x 56IN green	1.00	Ea	0.16	0.01	\$6.04
6515013724470	Blood & fluid warmer 110V 50/60HZ AC 8 x 7 x 9.5IN	1.00	Ea	2.00	0.75	\$1,500.00
6515013719617	Blood & intravenous warming set 8FT LG 18MM sterile path 30s	0.20	Pg	11.00	1.50	\$444.69
6530002998069	Bowl surgical sponge aluminum 3 x 6IN recessed nesting	2.00	Ea	0.75	0.11	\$7.51
6515009140245	Cannula tracheostomy SZ 4 with integral 15MM male adapter nylon	1.00	Ea	0.11	0.02	\$20.03
6515009140248	Cannula tracheostomy SZ 6 with integral 15MM male adapter nylon	1.00	Ea	0.09	0.01	\$21.19
6515009140249	Cannula tracheostomy SZ 7 with integral 15MM male adapter nylon	1.00	Ea	0.03	0.01	\$19.35
6515009140250	Cannula tracheostomy SZ 8 with integral 15MM male adapter nylon	1.00	Ea	0.05	0.01	\$25.46
6515010938662	Cap catheter rubber luer lock non-pyrogenic sterile disposable 200s	0.25	Pg	2.00	0.15	\$149.33
6532000048055	Cap operating surgical surgeons univ SZ rayon main body disp100s	0.50	Pg	0.01	0.00	\$13.99

1. Decreased from 60 to 12 bags.

2. Increased from 5 to 10 vials.

3. Added to upgrade clinical capability.

4. Moved from Supplemental to Core AMMAL.

5. Added as an upgrade to an existing item.

6. Decreased from 100 to 50.

7. Decreased from 50 to 25.

8. Decreased from 300 to 100.

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Appendix E
Revised GMO Supplemental Sick-Bay AMMAL 7016

NSN	ITEM NAME	QTY	U/I	U/W	U/C	U/\$
6515013108335	Catheterization kit pneumothorax 9FR catheter 29CM LG w/20 sideports	1.00	Ea	0.25	0.01	\$85.64
6540005988075	Chart set vision acuity test clinical & screening distant vision	1.00	Se	5.00	0.53	\$12.53
6540005988078	Chart set vision acuity testing clinical distant vision	1.00	Se	3.19	0.14	\$12.53
6540005988077	Chart set vision acuity testing near vision	1.00	Se	0.06	0.00	\$18.10
6532000811804	Coat mens' pajama large full length coat style collarless ctn blue	24.00	Ea	0.50	0.05	\$11.86
6532000811802	Coat mens' pajama medium full length coat style cotton/polyester blue	8.00	Ea	0.50	0.05	\$13.42
6515009269201	Connector tubing straight taper serrations 3.5IN LG x 0.18IN DIA	1.00	Pg	0.65	0.06	\$7.53
6530007053075	Cradle hospital bed clothing arched fold 32 x 27 x 15IN 3 hoops	1.00	Ea	7.33	1.03	\$766.54
6515007777325	Crutch auxiliary 48-59IN LG wood varnished adjustable	4.00	Pr	4.33	0.33	\$12.42
6515007777340	Cushion crutch sponge rubber 8 x 1.5 x 6IN	4.00	Pr	0.56	0.03	\$1.91
6515003234510	Cutter orthopedic cast Stryker 10IN LG 115v 60HZ 60W AC/DC oscillating	1.00	Ea	11.00	0.87	\$1,152.00
6515014419725	Defibrillator/monitor-recorder system	1.00	Ea	10.00	2.50	\$5,773.00
6515003254400	Dilator tracheal trousseau 5.5IN LG curved smooth straight handle	1.00	Ea	0.06	0.01	\$15.91
6515010587450	Drainage unit pleural cavity plastic water-seal 3 chamber 2300ML 6s	1.00	Bx	1.50	0.17	\$185.91
6510014081920	Dressing chest wound one way valve self adhesive 10/PG	0.50	Pg	1.55	0.01	\$74.67
6510002017430	Dressing first aid field camouflaged 8IN LG x 7.5 IN WI	6.00	Ea	0.29	0.02	\$4.36
6510000835573	Dressing first aid field white 4 x 7IN absorbent	12.00	Ea	0.14	0.01	\$2.48
6515013958729	Electrocardiograph stand alone multi-channel 115/230V 50/60HZ	1.00	Ea	8.75	0.12	\$6,981.63
6515011535752	Electrode EKG pregelled solid gel 4.4CM 25s	1.00	Pg	3.00	0.23	\$5.60
6515010858035	Electrode gel blue 250GM tube non-staining 12s	5.00	Pg	10.00	0.10	\$18.36
6530013765157	Envelope sterilization flat w/safety fold 3 x 8IN plastic single wall 500S	0.20	Pg	3.40	0.23	\$30.84
6545010948412	First aid kit individual	10.00	Ea	1.00	0.06	\$21.11
6515003333600	Forceps dressing 5.50IN LG straight and serrated jaw round tip	2.00	Ea	0.10	0.01	\$9.53
6515003333100	Forceps dressing cushioning 7IN LG straight & serrated	1.00	Ea	0.07	0.00	\$38.63
6515003373900	Forceps gauze pad holding sterile 9.5IN LG box lock joint	1.00	Ea	0.23	0.01	\$17.32
6515003345600	Forceps hemo halsted 5IN LG straight jaw box lock	11.00	Ea	0.11	0.01	\$6.27
6515003344900	Forceps hemo halsted design 5.0IN LG slightly crvd serr	4.00	Ea	0.10	0.01	\$18.09
6515003380300	Forceps tissue allis design 6IN LG pivoted straight & smooth jaw	3.00	Ea	0.13	0.01	\$39.80
6515003204590	Forceps towel backhaus 3.5 IN LG opposed prongs towel clamp	4.00	Ea	0.13	0.01	\$13.16

1. Decreased from 60 to 12 bags.
2. Increased from 5 to 10 vials.
3. Added to upgrade clinical capability.
4. Moved from Supplemental to Core AMMAL.
5. Added as an upgrade to an existing item.
6. Decreased from 100 to 50.
7. Decreased from 50 to 25.
8. Decreased from 300 to 100.

Appendix E
Revised GMO Supplemental Sick-Bay AMMAL 7016

NSN	ITEM NAME	QTY	U/I	U/W	U/C	U/\$
6515003204600	Forceps towel backhaus 5.25 IN LG opposed prongs towel clamp	6.00	Ea	0.25	0.02	\$15.17
6515003393200	Gag denhardt 5IN LG 1.5IN exp ratch-pawl channel-shaped jaw	1.00	Ea	0.32	0.04	\$61.61
6510010037697	Gauze absorbent iodoform impregnated 5YD 12s	1.00	Pg	3.16	0.09	\$34.45
6515011498840	Gloves surgeons surgery SZ 7 rubber pre-powdered sterile disposable 50pr	1.00	Pg	4.56	0.48	\$35.96
4240001906432	Goggles industrial plastic frame	1.00	Pr	1.00	1.00	\$1.32
6532000836535	Gown operating surgical green large full length garment & sleeve 12s	1.00	Pg	17.50	1.20	\$224.47
6532000836534	Gown operating surgical medium full length overlapping bk green 12s	1.00	Pg	35.40	1.70	\$285.78
6530011157835	Holder clinical chart 12 x 9IN aluminum 24s	0.50	Pg	1.38	0.05	\$324.03
6515003419200	Holder suture needle hegar-mayo 7IN LG central oval grooved jaws	2.00	Ea	0.22	0.02	\$18.36
6530000797039	Indicator sterilization steam 250s	0.50	Pg	0.38	0.01	\$2.55
6515013780541	Infusion pump Ivac 570 110V 50/60HZ AC general purpose	1.00	Ea	2.50	1.00	\$3,700.00
6515005842893	Infusor pressure blood collecting-dispensing bag rubber bulb	1.00	Ea	0.75	0.06	\$112.58
6840012873938	Insecticide boric acid	1.00	Bx	0.55	0.11	\$77.85
6840014124634	Insecticide D-pheno	6.00	Cn	9.00	1.10	\$6.29
6840011800167	Insecticide combat	1.00	Pg	0.05	0.01	\$72.63
6530007065100	Light floor operating & exam 120 volt AC/DC 34-54IN height	1.00	Ea	16.25	0.95	\$153.12
6515009268936	Light head diagnostic 1plain & 1peep hole mirror 115V 60HZ AC 20W	1.00	Ea	6.00	0.33	\$433.71
6530013215587	Light surgical ceiling heat filtered color corrected	1.00	Ea	30.00	7.50	\$1,266.00
6530013154784	Litter rigid stokes steel corrosion resisting frame	3.00	Ea	42.00	8.40	\$585.95
6515000828264	Lumbar puncture kit 20 comp adult w/2.50ML syringe sterile disposable 20s	0.50	Pg	22.00	2.87	\$162.98
6520010824897	Magnifier dental laboratory binocular headband-mounted	1.00	Ea	1.00	0.17	\$32.72
6910011293195	Manikin head and torso CPR training adult size in carrying case	1.00	Ea	57.00	1.50	\$1,454.24
651500886122	Mask oronasal semi-rigid translucent plastic face-piece w/connector 50s	0.50	Pg	5.50	1.50	\$45.03
6685010555298	Meter wet bulb	1.00	Ea	1.10	0.10	\$2,390.00
6910005406378	Moulage set war wounds 19IN set plastic simulated amputation	1.00	Se	28.00	1.50	\$847.50
3740002523384	Mousetrap spring 4-way mousetrap wood base 2 x 4IN	1.00	Dz	0.10	0.00	\$4.55
6515012671490	Nebulizer medicinal plastic compressed air line clear disposable 50s	0.50	Pg	38.00	6.50	\$59.29
6515003492900	Needle hypo anesthesia 19ga 2.6 -1.8IN LG luer lock 12s	2.00	Pg	0.15	0.01	\$9.34
6515002091197	Needle hypodermic spinal 3.5IN 15 ga disposable sterile 10s	1.00	Pg	0.31	0.01	\$30.45

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1. Decreased from 60 to 12 bags.
2. Increased from 5 to 10 vials.
3. Added to upgrade clinical capability.
4. Moved from Supplemental to Core AMMAL.
5. Added as an upgrade to an existing item.
6. Decreased from 100 to 50.
7. Decreased from 50 to 25.
8. Decreased from 300 to 100.

Appendix E
Revised GMO Supplemental Sick-Bay AMMAL 7016

NSN	ITEM NAME	QTY	U/I	U/W	U/C	U/\$
6515013333165	Otoscope & ophthalmoscope electric Welch-Allyn battery operated pocket	1.00	Se	0.76	0.02	\$230.58
6515005507199	Otoscope and ophthalmoscope set c/o small medium & large specs	2.00	Se	2.21	0.19	\$221.35
6515013055112	Oximeter pulse 720CU IN 115/230V 50/60HZ f/adl infants neonates	1.00	Ea	12.00	0.04	\$1,084.28
6530011190015	Pad bed linen protective nonwoven plastic polyethylene disposable 300s	0.30	Pg	25.00	3.03	\$24.74
6530010611825	Pad hot-cold treatment circulating 15 x 12in120 volts 60HZ AC	1.00	Ea	5.00	0.50	\$233.73
7240007730975	Pail utility corrosion resisting steel 12QT 12 in height	2.00	Ea	5.17	0.42	\$35.25
6515011397845	Paper EKG recording 100FT x 50MM lt green background 40MM grid 3s	1.00	Pg	1.30	0.05	\$12.67
6515014810939	Paper electrocardiograph recording 150FT LG x 2.4IN WI 10 PG	1.00	Pg	3.90	1.25	\$12.60
6530010923914	Paper sheeting examination-treatment tables 125FT LG x 17IN WI 12s	1.00	Pg	21.00	1.40	\$22.63
6515004670092	Plug ear noise protection large blue triple flange silicone 24s	1.00	Pg	0.10	0.01	\$6.89
6515004424821	Plug ear noise protection small green triple flange rubber 24s	1.00	Pg	0.06	0.01	\$6.13
6515004424818	Plug ear regular SZ rubber international orange color triple flange 24s	3.00	Pg	0.08	0.00	\$6.24
3740002601398	Rat trap spring base w/4-way release action	1.00	Dz	0.10	0.00	\$14.99
6515013648148	Regulator flow rate IV injection set one-way design 18IN tube LG 48s	1.00	Pg	5.00	1.00	\$347.49
6680012346789	Regulator oxygen pressure light weight w/integral flow controller	1.00	Ea	1.12	0.06	\$137.43
6530007884010	Restraint set wrist and ankle	1.00	Se	2.89	0.15	\$149.82
6515003610350	Retractor general operating volkman design 8.5IN size 4 prong	2.00	Ea	0.18	0.03	\$41.78
6515003609200	Retractor set general operating double end 8.5IN blades	1.00	Se	0.43	0.03	\$9.20
6515003618980	Retractor tracheal hupp design sharp blade point 3 prong quantity	1.00	Ea	0.13	0.01	\$7.21
6515003618950	Retractor tracheal hupp design sharp blade point straight handle	1.00	Ea	0.06	0.00	\$20.23
6530007926000	Rod intravenous irrigation container aluminum	3.00	Ea	1.46	0.13	\$31.05
6510011202643	Salicylic acid plaster 5 x 7CM 40% salicylic acid 60% base 25s	1.00	Pg	0.33	0.01	\$33.69
6515003631100	Saw amputating satterlee 8 IN blade LG 2.25IN width for large bone sawing	1.00	Ea	0.69	0.04	\$52.40
6670007889000	Scale weighing 300lb green enamel finish used by exam physician	1.00	Ea	110.00	5.40	\$161.94
6515003640520	Scissors general surgery mayo curved blade 7IN LG blade points blunt	1.00	Ea	0.08	0.00	\$20.54
6515003640920	Scissors general surgery mayo design 6.50 LG blunt pts 1.626IN cut	1.00	Ea	0.35	0.01	\$18.97
6515003644600	Scissors iris 4.5IN LG curved blade sharp points finger ring	1.00	Ea	0.07	0.00	\$24.68
6515003657100	Scissors tonsil metzenbaum 7IN LG curved blade blunt points	1.00	Ea	0.16	0.01	\$11.47
5120002888739	Screwdriver set jeweler's swivel knob component quantity 6	1.00	Se	3.00	0.10	\$7.12

1. Decreased from 60 to 12 bags.
2. Increased from 5 to 10 vials.
3. Added to upgrade clinical capability.
4. Moved from Supplemental to Core AMMAL.
5. Added as an upgrade to an existing item.
6. Decreased from 100 to 50.
7. Decreased from 50 to 25.
8. Decreased from 300 to 100.

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Appendix E
Revised GMO Supplemental Sick-Bay AMMAL 7016

NSN	ITEM NAME	QTY	U/I	U/W	U/C	U/\$
3540002999811	Sealing machine heat: poly wrap or bags w/wo cooling unit	1.00	Ea	30.00	0.15	\$342.47
6515012754828	Sensor oxygen monitoring 40kg adult reusable short term	1.00	Ea	0.12	0.00	\$205.35
6515003668200	Shears plaster cast cutting hand style 15IN LG sharp & blunt pt	1.00	Ea	3.06	0.11	\$99.98
1670012265300	Sling rescue helicopter	2.00	Ea	0.55	0.12	\$135.00
6510007219808	Sponge surgical cellulose & cotton & gauze 4 x 4IN sterile 1200s	1.00	Pg	16.00	2.20	\$95.47
6510001161311	Sponge surgical gauze absorbent white 4 x 4IN waterproof peel label 1280s	1.00	Pg	19.00	3.10	\$139.74
3740013385390	Sprayer pesticide manually operated	1.00	Ea	0.12	0.55	\$75.65
6530007081000	Stand basin double 33 x 12 x 30IN nonadjustable	1.00	Ea	100.00	11.00	\$347.80
6530007081590	Stand surgical instrument 62 x 17.5 x 20IN adjustable casters auto lock	1.00	Ea	50.00	12.00	\$210.25
6540013759031	Stereoscope vision testing near distant w/slides 115V 60HZ AC	1.00	Ea	14.00	1.21	\$3,139.63
6530013408001	Sterilizer surgical instrument AC 115 to 230V 14 x 23.5 x 19.25IN	1.00	Ea	84.00	4.00	\$2,266.14
6515011910956	Stethoscope ultrasound	1.00	Ea	1.00	0.16	\$344.92
6510002039000	Stockinet surgical 25YD x 3IN cotton yarn white/natural wound dress	2.00	Ro	2.38	0.19	\$10.22
6510002040000	Stockinet surgical 25YD x 6IN cotton yarn white/ natural wound dress	2.00	Ro	4.67	0.39	\$14.83
6530007088000	Stool revolving surgeons 19-25IN high	1.00	Ea	20.00	3.50	\$86.92
6530007086975	Stool straight 18 x 12 x 8IN diamond tread top use in surgery	1.00	Ea	21.25	1.48	\$99.71
6530007844315	Strap web cotton mildew/water resist 66 x 1.4in	12.00	Ea	0.37	0.01	\$7.31
6515014397266	Stylet urinary catheter stainless 6FR 17.5IN long malleable tip	1.00	Ea	0.10	0.01	\$31.57
6515012254754	Suction apparatus surgical auto thermotic mobile 115V AC/DC	1.00	Ea	39.00	4.50	\$1,010.52
6515014524435	Support cervical laerdal design adjustable adult collar	4.00	Ea	0.55	0.12	\$11.50
6510008897020	Suspensory scrotal medium white or tan max waistband 48IN 12s	0.50	Pg	1.25	0.15	\$69.87
6515003805500	Syringe hypo control design 3ML cap single scale borosilicate	2.00	Ea	0.27	0.01	\$49.95
6530013519319	Table exam/treat frame cabinet 115V 50/60HZ 230V 50/60HZ	1.00	Ea	330.00	47.30	\$689.54
6515010133911	Tip cane and crutch 3IN high corrugated rubber 12s	0.50	Pg	2.28	0.10	\$10.01
6515003830565	Tourniquet non-pneumatic 42 x 1.5IN camouflaged	10.00	Ea	0.24	0.02	\$5.87
6530013472340	Towel pack surgical/post op sterile disposable highly absorbent cell blue 20s	1.00	Pg	2.00	0.03	\$93.35
6530007939570	Tray instrument corrosion-resisting steel 19 x 12.7 x 0.75in	1.00	Ea	3.25	0.15	\$28.55
6532000811666	Trousers mens' pajama medium ankle length cotton/polyester green	24.00	Ea	2.56	0.15	\$14.12
6532000811680	Trousers mens' pajama SZ 29 large ankle length cotton/polyester blue	18.00	Ea	0.62	0.05	\$13.42

1. Decreased from 60 to 12 bags.
2. Increased from 5 to 10 vials.
3. Added to upgrade clinical capability.
4. Moved from Supplemental to Core AMMAL.
5. Added as an upgrade to an existing item.
6. Decreased from 100 to 50.
7. Decreased from 50 to 25.
8. Decreased from 300 to 100.

Appendix E
Revised GMO Supplemental Sick-Bay AMMAL 7016

NSN	ITEM NAME	QTY	U/I	U/W	U/C	U/\$
6515010764713	Trousers pneumatic anti-shock three bladder	1.00	Ea	10.00	1.00	\$512.67
7240007942975	Tub foot oval corrosion resisting steel 21IN LG x 17IN WI x 6IN deep	1.00	Ea	8.17	0.42	\$12.52
6515009171912	Tube stomach salem w/funnel 18FR 48IN LG dbl lumen sterile 50s	0.50	Pg	5.00	0.70	\$137.81
6530001047531	Tubing sterilization nylon 12IN wide flat 500 feet	1.00	Ro	12.50	0.45	\$72.85
6530001047532	Tubing sterilization nylon 18IN wide flat 500 feet	1.00	Ro	19.00	0.55	\$106.54
6530001056794	Tubing sterilization nylon 08IN wide flat 500 feet	1.00	Ro	8.50	0.28	\$58.52
6515011470203	Tube suction surgical Yankauer 72IN LG tip sterile 50s	0.50	Pg	9.00	0.95	99.39
6515003389100	Tuning fork c-128 pitch designator with clamp	1.00	Ea	0.33	0.04	\$10.35
6515014322707	Vital signs monitor Propaq	1.00	Ea	25.00	2.40	\$8,639.81
7240007883953	Waste receptacle step-on type corrosion resisting steel 3 gallon	2.00	Ea	12.00	2.00	\$99.99
4010013124854	Wire rope assembly	1.00	Ea	1.00	0.50	\$131.51
6530010360398	Wrapper sterilization non-woven fabric 36 x 36IN blue water repellent 250s	0.30	Pg	25.00	0.29	\$74.81
5120002643794	Wrench adjustable non-sparking	1.00	Ea	0.50	0.40	\$46.29

3

Total Weight = $\Sigma(\text{Quantity} \times \text{Unit Weight})$ in Pounds =

Total Volume = $\Sigma(\text{Quantity} \times \text{Unit Cube})$ in Cubic Feet =

Total Cost = $\Sigma(\text{Quantity} \times \text{Unit Cost})$ =

2258.6 lb.

207.0 cu. ft.

\$63,868.40

1. Decreased from 60 to 12 bags.
2. Increased from 5 to 10 vials.
3. Added to upgrade clinical capability.
4. Moved from Supplemental to Core AMMAL.
5. Added as an upgrade to an existing item.
6. Decreased from 100 to 50.
7. Decreased from 50 to 25.
8. Decreased from 300 to 100.

E-8

Appendix F
Revised GMO/PA Supplemental Level-2 Laboratory AMMAL 7019

NSN	ITEM NAME	QTY	U/I	U/W	U/C	U/\$
6515014328272	Adapter hypodermic needle to tubin u/w teruflex blood gas 3000s	0.50	Pg	0.20	0.20	\$527.04
6630014785577	Analyzer clinical chemistry Schappaparelli NExCT™	1.00	Ea	45.00	11.45	\$54,900.00
NSN Pending	Analyzer clinical chemistry Schappaparelli Starlyte III™	1.00	Ea	15.00	2.00	\$4500.00
6515005842926	Balance auto shutoff blood collect-dispense bag 450ML cap	1.00	Ea	3.17	0.06	\$141.93
6640011479563	Basket test tube 6 x 6 IN plastic polypropylene tapered sides	1.00	Ea	1.46	0.15	\$5.32
6515014331250	Blood collecting & dispensing bag 450ML 30 unit	2.00	Pg	2.50	0.50	\$426.57
0102f0159800	Blood donor card DD-572 100s	1.00	Pg	1.00	0.10	\$11.00
6550013170288	Blood grouping serum anti-A liquid 10ML VI f/slide/tube/microplate 15s	0.20	Pg	1.00	0.00	\$57.65
6550013438993	Blood grouping serum anti-A & B liquid w/dropper 10 ML bottle 15s	1.00	Pg	1.00	0.00	\$69.17
6550013170289	Blood grouping serum anti-B 10ML VI f/slide/tube/microplate 15s	0.25	Pg	1.00	0.00	\$69.17
6550013299842	Blood grouping serum rh pos/neg bottle w/dropper 10 ML 15s	6.00	Pg	1.00	0.00	\$145.05
6515011281407	Blood recipient set indirect transfusion y type nontoxic 48s	2.00	Pg	8.00	1.40	\$202.70
6640000108363	Bottle screw cap narrow mouth rectangular 2.50gal plastic	1.00	Ea	2.17	0.57	\$25.43
6640001352994	Bottle screw cap wide mouth round 4OZ 12s	6.00	Pg	0.92	0.17	\$16.25
6640004097000	Bulb dropping pipette rubber 3ML load capacity 12s	1.00	Pg	0.22	0.01	\$5.36
6640014825490	Centrifuge laboratory trunnion 120V 50/60HZ AC sgl phase	1.00	Ea	12.75	1.02	\$1,620.00
6640001451180	Centrifuge lab small 115V 60HZ AC conical	1.00	Ea	24.00	1.15	\$1,719.14
6550010440315	Chlorine test tab u/w 6630010440334 100 hermetically sealed	4.00	Pg	0.13	0.01	\$3.05
6640004180000	Clamp rubber tubing shutoff pincock mohr design .62IN tube	2.00	Ea	0.06	0.00	\$27.34
6630010673827	Comparator color block type 6.8-8.2pH 8.5 x 5.5 x 4.5 IN w/case	1.00	Se	1.00	0.06	\$109.25
6640004200000	Cylinder graduated laboratory 100 ML cap glass pour-out	2.00	Ea	0.57	0.06	\$15.35
6850011207996	Detergent tablets lab glassware pH range 9-9.5 100s	1.00	Bt	1.17	0.17	\$9.06
6640008891712	Filler pipette rubber 2IN diameter 3.5IN LG ball valve type 3 valves	1.00	Ea	0.27	0.02	\$7.56
6640004260315	Forceps microscope slide carbon steel tweezer 130MM LG	1.00	Ea	0.10	0.01	\$16.47
7540001818358	Form printed lab report chemistry 100s	2.00	Hd	9.00	0.02	\$1.38
7540006344159	Form printed lab report blood transfusion 100s	1.00	Hd	9.00	0.02	\$4.83

1. Decreased from 3000 to 1500.

2. Decrease from 144 to 72.

3. Decrease from 2 to 1 pint.

4. Decreased from 1000 to 500.

5. Added to upgrade clinical capability.

6. Decrease from 500 to 300.

Appendix F
Revised GMO/PA Supplemental Level-2 Laboratory AMMAL 7019

NSN	ITEM NAME	QTY	U/I	U/W	U/C	U/\$
7540001818354	Form printed lab report hematology 3-part 100s	2.00	Hd	9.00	0.02	\$1.36
7540001818344	Form printed lab report miscellaneous 3-part 100s	1.00	Hd	1.00	0.02	\$2.24
7540001818355	Form printed lab report urinalysis 3-part 100s	2.00	Hd	1.00	1.00	\$1.10
7540001818351	Form printed lab report microbiology 3-part 100s	1.00	Hd	9.00	0.02	\$1.15
7540001818357	Form printed lab report serology 3-part 100s	2.00	Hd	9.00	0.02	\$1.21
6550001391321	Formaldehyde solution 37% 1 PT (473ML)	1.00	Bt	1.75	0.04	\$2.95
6640008897023	Funnel common lab plastic ribbed 100MM inside diameter	1.00	Ea	0.13	0.03	\$13.71
6630013789660	Holder blood collecting tube plastic universal venoject 1000S	0.05	Pg	1.00	0.01	\$52.47
6640013623914	Incubator dry heat 120V 50/60HZ 13.5IN WI x 16.5IN HI	1.00	Ea	26.00	0.50	\$331.47
6550012114779	Intestinal protozoa staining kit 8 components	1.00	Ea	5.20	0.17	\$127.74
6640007826007	Jar pipette plastic polyethylene soaking	1.00	Ea	4.33	0.97	\$44.18
6640008891594	Jars and shipping box histology pathological specimen disposable	1.00	Ea	1.63	0.20	\$10.99
6640004361000	Paper filter qualitative 250MM diameter medium not folded 100s	2.00	Pg	0.94	0.06	\$8.24
6630001267503	Pipette diluent blood lab disposable white corp & platelet w/o tubing 200s	0.50	Pg	1.80	0.15	\$317.76
6640012911204	Pipette serological glass general purpose 5ML cap 12s	1.00	Pg	1.10	0.05	\$59.91
6640012904663	Pipette serological glass general purpose 10ML 12s	1.00	Pg	1.10	0.05	\$45.93
6630010685256	Pipette diluent blood lab plastic .025 ML cap glass 100s	3.00	Pg	0.10	0.01	\$137.25
6810001366000	Potassium hydroxide pellet 4OZ avoirdupois	1.00	Bt	0.56	0.01	\$41.40
6530013695892	Power supply electrical medical equip uninterruptible source	1.00	Ea	100.00	5.26	\$1,079.55
6510011139208	Preparation kit blood donor sterile 20s	3.00	Pg	0.68	0.11	\$14.05
6640002998490	Rack test tube lab hemoglutination 90 tube	2.00	Ea	1.04	0.12	\$12.35
6640001655726	Rack test tube laboratory epoxy coated wire 40 tube	2.00	Ea	0.98	0.15	\$13.59
6650009354247	Shield optical microscope vinyl 16 x 20IN collapsible	1.00	Ea	0.18	0.02	\$6.97
6640010104122	Sealer holder capillary tube disp 6s	1.00	Pg	0.33	0.02	\$7.38
6640004401250	Stand laboratory apparatus support base 6 x 11IN	1.00	Ea	6.88	0.29	\$15.89
6530004776720	Sterilization test strip set bacterial spore bacillus subtilis 25s	1.00	Pg	0.25	0.04	\$49.41

1. Decreased from 3000 to 1500.
2. Decrease from 144 to 72.
3. Decrease from 2 to 1 pint.
4. Decreased from 1000 to 500.
5. Added to upgrade clinical capability.
6. Decrease from 500 to 300.

Appendix F
Revised GMO/PA Supplemental Level-2 Laboratory AMMAL 7019

NSN	ITEM NAME	QTY	U/I	U/W	U/C	U/\$
6640011190013	Test tube 12 x 75MM disposable glass borosilicate 1000s	0.50	Pg	2.04	0.29	\$21.46
6685004446500	Thermometer self indicating bimetallic 0 to 220 degree fahrenheit	3.00	Ea	0.15	0.01	\$4.10
6645012129474	Timer interval three timing channels one clock channel 120V 60HZ	1.00	Ea	1.00	0.02	\$152.38
6640009821294	Tray & rack lab plastic 14 x 11 x 2IN w/handle	1.00	Ea	3.50	0.42	\$79.32
6640004223820	Tray biological staining dish glass 0-300 degree C 1 x 3IN slide	1.00	Ea	0.65	0.06	\$19.57
6630001451534	Tube blood collecting vacuum 7ML with sodium fluoride 100s	1.00	Pg	2.48	0.20	\$40.74
6640010994066	Tube lab shipping/storing plastic w/screw cap 8-10ML 1000s	0.50	Pg	14.00	2.00	\$49.41
6640002998493	Wash bottle laboratory 250 ML plastic polyethylene 2.5IN diameter	4.00	Ea	0.21	0.03	\$4.12
6640009267673	Washer pipette automatic siphon tube type single wall cylindrical	1.00	Ea	6.33	1.43	\$104.91
6630013628299	Water sampling test reagent coliform 200s	1.00	Pg	1.00	0.50	\$702.72

398.8 lbs

Total Weight = $\Sigma(\text{Quantity} \times \text{Unit Weight})$ in Pounds =

Total Volume = $\Sigma(\text{Quantity} \times \text{Unit Cube})$ in Cubic Feet =

35.2 cu. ft.

Total Cost = $\Sigma(\text{Quantity} \times \text{Unit Cost})$ =

\$65,256.42

1. Decreased from 3000 to 1500.
2. Decrease from 144 to 72.
3. Decrease from 2 to 1 pint.
4. Decreased from 1000 to 500.
5. Added to upgrade clinical capability.
6. Decrease from 500 to 300.

F-3

Appendix G
Initial Issue Consumables for Schiaparelli NExCT™ Chemistry Analyzer

Catalog Number	Nomenclature	Unit Issue	Qty
RX-1001	Reagent Albumin	KT	1
RX-1002	Reagent Alkaline Phosphatase	KT	1
RX-1003	Reagent ALT (SGPT)	KT	1
SA-1004	Reagent Amylase	KT	1
SA-1006	Reagent Bicarbonate (CO ₂)	KT	1
RX-1008	Reagent Bilirubin	KT	1
RX-1009	Reagent Calcium	KT	1
RX-1010	Reagent Cholesterol	KT	1
RX-1011	Reagent Creatinine Kinase	KT	1
RX-1012	Reagent Creatinine	KT	1
RX-1013	Reagent Gamma Glutamyl Transferase	KT	1
RX-1014	Reagent Glucose	KT	1
SR-1015	Reagent High Density Lipoprotein	KT	1
RX-1018	Reagent Lactate Dehydrogenase (LDH)	KT	1
RX-1022	Reagent Protein Total	KT	1
RX-1023	Triglycerides	KT	1
ACD-3	Seglets	EA	1
ACD-6	Cups Sample 100s	BG	1
ACD-5	Caps Evap 500s	RL	1
ACD-2	Cuvettes 100s	BX	1
ACD-4	Bags Biological Hazard 50s	BX	1
C5-61	Control QC-1 Chemistry Normal	PG	1
C5-62	Control QC-2 Chemistry Abnormal	PG	1
SA-1020	Diluent NS	PG	1
SA-1021	Diluent System	PG	1
E1-5	Solution Cleaning 100ML	PG	1
E1-6	Solution Conditioning Electrode 100ml	PG	1
E1-8	Fluid Reagent Pack	PG	1
E1-7	Diluent Urine 500ML	PG	1
S1-32	Reference Serum GEMCAL™™ 3ML 5s	PG	1

REPORT DOCUMENTATION PAGE

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1. Report Date (DD MM YY) 05 July 01	2. Report Type Interim	3. DATES COVERED (from - to) Oct 2000 - June 2001
4. TITLE AND SUBTITLE Validating Medical Supply Requirements for Emergent and Routine Care Aboard General Medical Officer (GMO) Platforms		5a. Contract Number: 5b. Grant Number: 5c. Program Element: 63706N 5d. Project Number: M0095 5e. Task Number: 001 5f. Work Unit Number: 60102
6. AUTHORS Galarneau, MR, Pang, G, & Konoske, PJ		9. PERFORMING ORGANIZATION REPORT NUMBER Report No. 01-18
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Naval Health Research Center P.O. Box 85122 San Diego, CA 92186-5122		
8. SPONSORING/MONITORING AGENCY NAMES(S) AND ADDRESS(ES) Office of Naval Research 800 N. Quincy Street Arlington, VA 22217		10. Sponsor/Monitor's Acronyms(s) ONR
		11. Sponsor/Monitor's Report Number(s)

12 DISTRIBUTION/AVAILABILITY STATEMENT: Approved for public release; distribution unlimited.

13. SUPPLEMENTARY NOTES

14. ABSTRACT: To maintain force readiness, the Navy understands the need to keep pace with advances in medicine. This process should be conducted within an environment of focused medical logistics emphasizing responsiveness, flexibility, precision, and visibility. This can be accomplished by examining the clinical operations of shipboard medicine, identifying relationships between patient condition (PC) types, providers, clinical tasks, and medical supplies and then mapping the relationships to form a structure that describes the application of care aboard ship. The primary objective was the development of a medical supply knowledge base that includes details about the clinical relationships occurring in ships' medical departments. The purpose of the knowledge base was to extract the interactions between individual pieces of medical materiel and patient care to provide the Fleet visibility to track and monitor the effects of proposed changes in the Authorized Minimal Medical Allowance Lists (AMMALs). Two General Medical Officer (GMO) supply sets, the GMO sick-bay supplemental AMMAL 7016 and the GMO level-2 laboratory supplemental AMMAL 7019 were examined. Thirty-three clinicians developed GMO-level treatment profiles for 337 PCs known to occur aboard ship. Each profile was broken down into its individual treatment tasks. The medical gear to conduct the tasks was then identified and assigned. Once the supplies had been assigned to the tasks, they were separated into a revised GMO AMMAL 7016 and a revised GMO AMMAL 7019. The results showed that clinical care aboard GMO AMMAL platforms could be improved while using less materiel. Reductions were realized in weight, cube, and cost. Excluding the reductions in equipment, savings in consumable item costs totaled \$471,667.12 across the Fleet. Because consumable supplies are routinely reordered, the savings would continue to accrue over time. The potential utility of this effort goes beyond the application of precision management of shipboard medical supplies. Underlying this methodology are comprehensive databases describing the full range of clinical events occurring aboard the Fleet's ships. Because these data include the injuries, illnesses, clinical protocols, treatment modalities, and the full spectrum of medical gear to address shipboard medicine, the tools to conduct modeling and simulation of various aspects of Fleet medicine are readily available. Using these data to model shipboard medical events gives the Fleet the resources to answer virtually an unlimited number of questions regarding medical resource utilization. For example, questions regarding the adequacy of supply stocks to treat mass casualty events, or the length of time a ship's medical department can sustain casualties in the absence of readily available MEDEVAC, can now be objectively examined.

15. SUBJECT TERMS:

AMMAL, AMAL, Medical Resource Planning, Shipboard Medicine, Precision Logistics, Medical Resource Projection

16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT UNCL	18. NUMBER OF PAGES 76	19a. NAME OF RESPONSIBLE PERSON Commanding Officer:
a. REPORT UNCL	b. ABSTRACT UNCL	c. THIS PAGE UNCL			19b. TELEPHONE NUMBER (INCLUDING AREA CODE) COMM/DSN: (619) 553-8429